JVC

SERVICE MANUAL

LCD FLAT TELEVISION

LT-26X776/KA, LT-32X776/KA, LT-37X776/KA

BASIC CHASSIS

FL2





[LT-32X776]



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SPECIFICATION

14		Contents						
Items		LT-26X776	LT-32X776	LT-37X776				
Dimensions ($W \times H \times D$)		70.3 cm × 55.3 cm × 30.9 cm (27-3/4 × 21-7/8 × 12-1/4) [Included stand] 70.3 cm × 48.3 cm × 11.5 cm (27-3/4 × 19-1/8 × 4-5/8) [TV only]	80.8 cm × 62.8 cm × 30.9 cm (31-7/8 × 24-3/4 × 12-1/4) [Included stand] 80.8 cm × 55.9 cm × 11.6 cm (31-7/8 × 22 × 4-5/8) [TV only]	92.6 cm × 68.7 cm × 32.5 cm (36-1/2 × 27-1/8 × 12-7/8) [Included stand] 92.6 cm × 63.2 cm × 10.9 cm (36-1/2 × 24-7/8 × 4-3/8) [TV only]				
Mass		19.6 kg (43.2 lbs) [Included stand] 16.3 kg (35.9 lbs) [TV only]	20.4 kg (44.9 lbs) [Included stand] 17.1 kg (37.6 lbs) [TV only]	27.0 kg (61.6 lbs) [Included stand] 21.7 kg (47.7 lbs) [TV only]				
Power Input		AC120 V , 60 Hz		,				
Power Consumption		139 W (Max)	173 W (Max)	202 W (Max)				
TV RF System (Analog / Digital)		CCIR (M) ATSC terrestrial / Digital cable						
Color System (Analog)		NTSC						
Stereo System (Analog)		BTSC (Multi Channel Sound)						
Teletext System (Analog)		Closed caption (T1-T4 / CC1-CC4)						
and Frequency (Analog) VHF High UHF		02 ch - 06 ch : 54 MHz - 88 MHz 07 ch - 13 ch : 174 MHz - 216 MHz 14 ch - 69 ch : 470 MHz - 806 MHz 54 MHz - 804 MHz Low Band : 02 - 06 High Band : 07 - 13 Mid Band : 14 - 22 Super Band : 23 - 36 Hyper Band : 37 - 64 Ultra Band : 65 - 94, 100 - 135 Sub Mid Band : 01, 96 - 99						
TV / CATV Total Channel		191 Channels						
Intermediate Frequency		45.75 MHz						
(Analog)	Sound IF	41.25 MHz (4.5 MHz)						
Color Sub Carrier Frequer	ncy (Analog)	3.58 MHz						
LCD panel		26V-inch wide aspect (16:9)	32V-inch wide aspect (16:9)	37V-inch wide aspect (16:9)				
Screen Size		Diagonal: 64.8 cm (H:56.5 cm×V:31.8 cm)	Diagonal: 80.2 cm (H:69.7cm×V:39.2 cm)	Diagonal: 94.9 cm (H:82.6cm×V:46.7 cm)				
Display Pixels		Horizontal : 1366 dots × Vertical : 768 dots (W-XGA)						
Audio Power Output		10 W + 10 W						
Speaker		6.6 cm, round type \times 2 (Oblique corn		6.6 cm, round type ×4				
Antenna terminal (VHF/UH	•	F-type connector, 75 Ω unbalanced, coaxial						
Video / Audio input [INPUT-1/2/3]	525p / 525i S-Video [INPUT-1/2] Video Audio							
Digital input	Audio	HDMI connector × 1 (Digital-input terminal is not compatible with picture signals of computer signal) Digital: HDMI connector × 1 Anarog: 500 mV(rms) (-4 dBs), high impedance, RCA pin jack × 2						
Output		Mini-DIN 4pin \times 1 Y: 1 V (p-p), 75 Ω C: 0.286 V(p-p) (burst signal), 75 Ω D: 1 V (p-p), 75 Ω , RCA pin jack \times 1 D: 250 mV(rms) (-10 dBs), Fs-18 dB low impedance, RCA pin jack \times 2						
Audio output		500 mV (rms), Low impedance, RCA pin jack × 2						
iLink Input/Output		TS In/Out (4-pin, S400) × 2, IEEE1394 compliant DTCP digital copy protection compatible						
Digital Audio Optical Outp	ut	Digital SPDIF × 1						
Headphone		3.5 mm stereo mini jack × 1						
Remote Control Unit		RM-C14G (AA/R6 / UM-3 battery × 2)	RM-C14G (AA/R6 / UM-3 battery × 2)				

Design & specifications are subject to change without notice.

SECTION 1 PRECAUTION

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.

Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND, the ISOLATED (NEUTRAL) : ($\stackrel{\bot}{=}$) side GND and EARTH : ($\stackrel{\textcircled{\tiny \oplus}}{=}$) side GND.

- Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

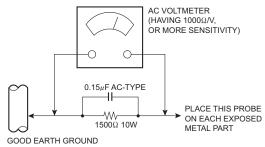
b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a $0.15\mu F$ AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).

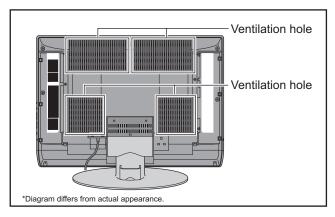
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

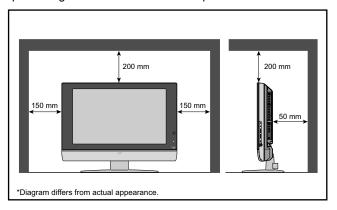
1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.



1.2.2 INSTALLATION REQUIREMENTS

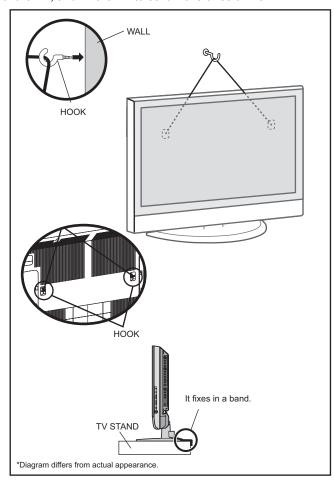
Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands. Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.



1.2.3 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.

Tie commercially available tough cord(s) to the hooks in the back of the TV, and fix the TV to solid walls or columns.



1.2.4 NOTES ON HANDLING

- (1) WHEN TAKING UNIT OUT OF A PACKING CASE
 When taking the unit out of a packing case, do not grasp
 - the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.
- (2) AS FOR PRESSING OR TOUCHING A SPEAKER Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

1.3 HANDLING LCD PANEL

1.3.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

- (1) USE A SPECIAL PACKING CASE FOR THE LCD PANEL When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.
- (2) ATTACH PROTECTION SHEET TO THE FRONT Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.
- (3) AVOID VIBRATIONS AND IMPACTS The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.
- (4) DO NOT PLACE EQUIPMENT HORIZONTALLY Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

- (1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and color.
- (2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).
- (3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.
- (4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.3.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

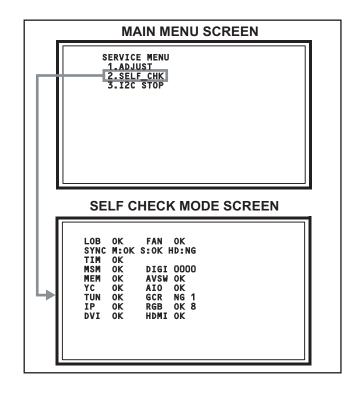
- (1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular color.
- (2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.
- (3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

2.1 SYSTEM SETTEING

Be sure to carry out the following operation at the end of the procedure.

- (1) Set to 0 minutes using the [SLEEP TIMER] key.
- (2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE.
- (3) When the Main Menu is displayed, press [2] key to enter the self check mode.
- (4) Turn off the power by pressing the [POWER] key on the remote control unit.



2.2 FEATURES

D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

SMART CAPTION

Smart caption will appear when you press the MUTING button, only on channels where the broadcast contains CLOSED CAPTION information.

SMART SOUND

Decreases high sound levels, giving a regulated sound level.

VIDEO STATUS

Expression of a favorite screen can be chosen by the VIDEO STATUS function.

 $[STANDARD \leftrightarrow DYNAMIC \leftrightarrow THEATER \leftrightarrow GAME]$

DIGITAL INPUT

Digital-in will display when any picture signal (480i/ 480p, 720p/ 1080i) in Digital-in is displayed.

V-CHIP

Since the V-CHIP is built in, it can choose, view and listen to a healthy program.

MTS STEREO

The voice multiplex function of the MTS system is built in. (MTS = Multi channel Television Sound system)

NATURAL CINEMA

Watching the movie or animation, press the Natural Cinema to adjust the out line of the images to make thin more sharp.

BBE

High definition audio adds natural, clear and extraordinary sound quality to any program.

VIDEO INPUT LABEL

This function is used to label video input connections for the onscreen displays.

A.H.S.

Adds a more spacious surround sound. Music gives basic effect and Movie for more effect.

2.3 MAIN DIFFERENCE LIST

Item	LT-26X776	LT-32X776	LT-37X776
LCD PANEL UNIT	QLD0373-001	QLD0374-001	QLD0375-001
ANALOG SIGNAL PWB	SFL-1121A-M2	←	SFL-1122A-M2
POWER PWB	SFL-9031A-M2	SFL-9030A-M2	SFL-9029A-M2
REGULATOR PWB	SFL-9131A-M2	SFL-9130A-M2	SFL-9129A-M2
DIGITAL SIGNAL PWB	SFL0D133A-M2	SFL0D132A-M2	SFL0D131A-M2

2.4 TECHNICAL INFORMATION

2.4.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

2.4.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

lto m	Specifications						
ltem	26V type 32V type		37V type				
Maximum dimensions ($W \times H \times D$)	646 mm × 373 mm × 51 mm	780 mm × 450 mm × 51 mm	877 mm × 545 mm × 56 mm				
Weight	6.4 kg		8.0 kg				
Effective screen size	Diagonal: 648 mm (H:565 mm × V : 318 mm)	Diagonal: 802 mm (H:697 mm × V : 392 mm)	Diagonal: 949 mm (H:826 mm × V : 467 mm)				
Aspect ratio	16:9						
Drive device / system	a-Si-TFT, active matrix system						
Resolution	Horizontally 1366 × Vertically 768 × F	RGB <w-xga> / 3147264 dots in tota</w-xga>	I				
Pixel pitch (pixel size)	H: 0.4135mm, V: 0.4135mm	H: 0.51075mm, V: 0.51075mm	H: 0.6mm, V: 0.6mm				
Displayed color	16777216 colors / 256 colors for R, G	S, and B					
Brightness	500 cd/m ²						
Contrast ratio	800 : 1						
Response time	15 ms	12 ms	6 ms				
View angle	Horizontally: 170°, Vertically: 170°						
Surface polarizer	Anti-Glare type, Low reflective coat						
Color filter	Vertical stripe						
Backlight	Cold cathode fluorescent lamp × 16 Cold cathode fluorescent lamp × 18						
Power supply voltage in LCD	5 V						
Power supply voltage in inverter	24 V						
Panel interface system	LVDS (Low Voltage Differential Signa	aling)					

2.4.1.2 PIXEL FAULT

There are three pixel faults - bright fault, dark fault and flicker fault - that are respectively defined as follows.

(1) BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.

For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

(2) DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting. For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

(3) FLICKER FAULT

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.

For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.4.2 MAIN CPU PIN FUNCTION [IC7601 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	VHOLD1	ı	Data slice for main screen closed caption	51	NC	0	Not used
2	HFLT1	I/O	LPF for main screen closed caption video input	52	NC	0	Not used
3	NC	0	Not used	53	NC	0	Not used
4	NC	0	Not used	54	NC	0	Not used
5	DIGR0	0	R [0] for OSD	55	NC	0	Not used
6	TB1in	ı	AC power for timer clock	56	NC	0	Not used
7	REMO	I	Remote control	57	NC	0	Not used
8	BYTE	ı	Data bus width select [L = 16bit (fixed)]	58	NC	0	Not used
9	CNVss	I	CPU programming mode select [Normal = L]	59	NC	0	Not used
10	DIGG0	0	G [0] for OSD	60	NC	0	Not used
11	DIGB0	0	B [0] for OSD	61	NC	0	Not used
12	RESET	I	Reset for main CPU [Reset = L]	62	HSYNC	I	H. sync for OSD
13	Xout	0	System clock osillation (crystal) : 16MHz	63	NC	0	Not used
14	Vss	-	GND	64	VSYNC	I	V. sync for OSD
15	Xin	I	System clock osillation (crystal) : 16MHz	65	NC	0	Not used
16	Vccl	ı	3.3V stand-by power supply	66	NC	0	Not used
17	OSC1	ı	Clock for OSD	67	NC	0	Not used
18	OSC2	0	Not used: Clock for OSD	68	NC	0	Not used
19	INT1	ı	AV COMPULINK control	69	NC	0	Not used
20	INT0	I	Request for sub(chassis) CPU communication (serial data)	70	NC	0	Not used
21	OUT1	0	Ys (blanking) for OSD	71	NC	0	Not used
22	OUT2	0	YM (transparence) for OSD	72	NC	0	Not used
23	NC	0	Not used	73	NC	0	Not used
24	NC	0	Not used	74	NC	0	Not used
25	NC	0	Not used	75	NC	0	Not used
26	NC	0	Not used	76	NC	0	Not used
27	CTA2/RTS2	0	Not used: Digital tuner control	77	NC	0	Not used
28	CLK2	0	Not used: Digital tuner control	78	NC	0	Not used
29	RxD2	I	Not used: Digital tuner control	79	NC	0	Not used
30	TxD2	0	Not used: Digital tuner control	80	NC	0	Not used
31	SDA2	I/O	Not used	81	NC	0	Not used
32	DIGR1	0	R [1] for OSD	82	NC	0	Not used
33	DIGG1	0	G [1] for OSD	83	NC	0	Not used
34	DIGB1	0	B [1] for OSD	84	WAKE	0	Reset for sub(chassis) CPU
35	TxD0	I	Data receive (serial) for external programming	85	CARD_DET	Ι	Card detection for ATSC digital tuner
36	RxD0	0	Data transmission (serial) for external programming	86	POWER_SW	ı	Power switch (mechanical) detection
37	CLK0	I	Clock for external programming	87	NC	I/O	Data for Inter IC (serial) bus control : memory
38	RTS0	0	Busy for external programming [Operation = H]	88	NC	0	Clock for Inter IC (serial) bus control: memory
39	P5.7	I	Not used	89	DIGR2	0	R [2] for OSD
40	P5.6	0	Not used	90	DIGG2	0	G [2] for OSD
41	HOLD	I	CPU programming mode select [Normal = H]	91	DIGB2	0	B [2] for OSD
42	P5.4	0	Not used	92	NC	0	Not used
43	P5.3	0	Not used	93	KEY2	I	Key scan data for front control button (MENU/CH+/CH-) KEY2
44	P5.2	0	Not used	94	KEY1	I	Key scan data for front control button (VOL+/VOL-) KEY1
45	P5.1	0	Not used	95	VHOLD2	I	Data slice for sub screen closed caption
46	WR	0	CPU programming mode select [Normal = L]	96	HLF2	I/O	LPF for sub screen closed caption video input
47	P4.7	0	Data transmission for sub(chassis) CPU communication (serial)	97	CVIN2	I	Video(Y) for sub screen closed caption
48	P4.6	I	Data receive for sub(chassis) CPU communication (serial)	98	TVSETB	I	Test terminal [L Fixed]
49	P4.5	I	Clock for sub(chassis) CPU communication (serial)	99	VCCE	I	5V stand-by power supply
50	P4.4	0	Not used	100	CVIN1	I	Video(Y) for main screen closed caption

2.4.3 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	LB_PRO	0	Not used	51	BS_TXD	0	Not used : Data transmission for digital tuner communication
2	P_MU	0	Picture muting [Muting = H]	52	BS_RXD	1	Not used: Data receive for digital tuner communication
3	JP_CSB	0	Not used (NC)	53	NC	0	Not used (NC)
4	A_MU	0	Audio muting [Muting = H]	54	VREF+	ı	3.3V power supply
5	M_MU	0	Audio muting (for AUDIO OUT) [Muting = H]	55	PDP_TX	0	Data transmission for SUB (DRIVE) CPU communication
6	PC_SEL	0	Not used: RGB(PC) INPUT select	56	PDP_RX	ı	Data receive for SUB (DRIVE) CPU communication
7	ON_TIMER	0	POWER INDICATOR (LED) brightness [LOW = L]	57	SDA0	I/O	Data for Inter IC (serial) bus : EEP-ROM (IC7002)
8	ILA0	0	LCD back light lighting	58	SCL0	0	Clock for Inter IC (serial) bus : EEP-ROM (IC7002)
9	ILA1	0	LCD panel overshoot refresh timing	59	SDA_DVI	I/O	Not used: Data for Inter IC (serial) bus for panel communication
10	ILA2	0	Not used	60	SCL_DVI	0	Not used : Clock for Inter IC (serial) bus for panel communication
11	POW_LED	0	POWER LED lighting [ON = H]	61	AVSS	-	GND
12	WORD	0	Not used	62	DIGII_PHOT	ı	Photo sensor for DIGITAL-IN illegal copy protection
13	MI_CK	Ι	Clock for SUB (OSD) CPU communication	63	AGC	ı	Not used
14	MI_TX	ı	Data receive for SUB (OSD) CPU communication	64	EXT_YS1	ı	Not used
15	MI_RX	0	Data transmission for SUB (OSD) CPU communication	65	EXT_YS2	ı	Not used
16	MI_REQ	0	Data request for SUB (OSD) CPU communication [Request = L]	66	VDD	ı	3.3V power supply
17	VDD	ı	3.3V power supply	67	DIGI_PRO	0	for DIGITAL-IN (HDMI)
18	FOSC	0	Not used (NC)	68	GCR_RST	0	Not used (NC)
19	VSS	-	GND	69	GR_ON	0	Not used (NC)
20	X1	1	Not used : Low speed oscillatior	70	SYNC_SEL	0	Not used : Sync select for digital tuner
21	X0	0	Not used : Low speed oscillatior	71	NC	0	Not used (NC)
22	VDD	ı	3.3V power supply	72	NC	0	Not used (NC)
23	OSC1	1	System clock osillation (crystal) : 16MHz	73	SBD5	I/O	Data for writing on board (connect CN01P : for Frash ROM type)
24	OSC0	0	System clock osillation (crystal) : 16MHz	74	SBT5	ı	Clock for writing on board (connect CN01P : for Frash ROM type)
25	MODE	1	Single chip mode	75	NMI	I	3.3V power supply
26	BS1.5CTL	0	Not used : Digital tuner power / reset control	76	COMP	I	AV COMPULINK III control
27	A92RES	0	Reset for IC1001(3D YC SEP / COLOR DEMODULAT) [Reset = H]	77	REMO	I	Remote control
28	BS_RST	0	Not used: Reset for Digital tuner power / reset control	78	VSYNC	I	V. sync pulse
29	LIP_RST	0	Not used: Reset for Sound delay (Lip sync)	79	WAKE	1	Reset for sub(chassis) CPU
30	SOFT_OFF	0	Not used	80	POWERGOOD	I	Power error detection [NG = H]
31	VMUTE	1	No use : Picture muting request from digital tuner	81	NC	0	Not used (NC)
32	VOUTENB	0	No use : Video cutoff for digital tuner	82	RST	1	Reset for MAIN CPU [Reset = L]
33	MDR_CON	Ι	No use : System cable connection monitor for PDP	83	VDD	1	3.3V power supply
34	AVDD	Ι	3.3V power supply	84	SCL3A	0	Clock for Inter IC (serial) bus control
35	BS_POW	0	Not used: Digital tuner power control	85	SDA3A	I/O	Data for Inter IC (serial) bus control
36	DsyncSW2	0	Sync select for DIGITAL-IN [Cotrolled with 99-pin]	86	SCL3B	0	Clock for Inter IC (serial) bus control
37	LB_POW	0	Not used: Power control for low bias line	87	SDA3B	I/O	Data for Inter IC (serial) bus control
38	NC	0	Not used (NC)	88	DIGI_SYNCSEL	0	Not used
39	HOTPLUG	ı	Not used : Video communiation monitor for receiver unit (PDP)	89	DIGI_LRSW	0	For DIGITAL-IN (HDMI)
40	MECA_SW	I	Mechanical monitor for POWER switch [Push = L]	90	DIGI_INT	I	Reset for HDMI process [Reset =]
41	MAIN_POW	0	Main power control [ON = L]	91	DVI_RST	0	Not used: Reset for DVI format conversion
42	MSP_RST	0	AUDIO OUT output mode select [VARIABLE = L]	92	VSS	-	GND
43	VREF-	I	Not used	93	SCL5055	0	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
44	AFT2	I	Not used: AFT voltage for sub tuner	94	VFORMATSEL	0	Not used: Digital tuner clock control
45	AFT1	ı	AFT voltage for VHF/UHF tuner	95	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
46	KEY2	I	Key scan data for front switch (MENU/CH+/CH-)	96	OSD_MODE_SEL	0	Not used: OSD mode select
47	KEY1	ı	Key scan data for front switch (VOL+/VOL-)	97	NC	0	Not used (NC)
48	NC	0	Not used (NC)	98	15K/OTH	0	Main video select [Fixed H]
49	NC	0	Not used (NC)	99	DsyncSW1	0	Sync select for DIGITAL-IN [Cotrolled with 36-pin]
50	AC_IN	I	AC power pulse for timer clock	100	57 BUSY	I	Busy monitor for JCC5057 (New DIST process)

SECTION 3 DISASSEMBLY

3.1 CAUTION AT DISASSEMBLY

- Be sure to perform the SYSTEM SETTING at the end of the procedure.
- · Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.2 DISASSEMBLY PROCEDURE [LT-26X776/LT-32X776]

3.2.1 REMOVING THE STAND (Fig.1)

- (1) Remove the 2 screws [A], then remove the STAND COVER
- (2) Remove the 4 screws [B], then remove the STAND.

3.2.2 REMOVING THE REAR COVER (Fig.1)

- Remove the STAND.
 - (1) Remove the JACK COVER (L/R).
 - (2) Remove the 7 screws [C], the 4 screws [D], and the 1 screw [E].
 - (3) Remove the REAR COVER.

3.2.3 REMOVING THE REGULATOR PWB (Fig.1)

- Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 4 screws **[F]**, then remove the FAN BRACKET.
 - (2) Remove the 1 screw [G], then remove the POWER CORD HOLDER.
 - (3) Remove the POWER CORD from the POWER PWB.
 - (4) Remove the REGULATOR PWB.

3.2.4 REMOVING THE POWER PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
 - (1) Remove the 4 screw [H], then remove the POWER PWB.

3.2.5 REMOVING THE ANALOG SYGNAL PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
 - (1) Remove the 6 screws [J], then remove the TERMINAL BASE
 - (2) Remove the 5 screws [K], then remove the ANALOG SIGNAL PWB.

3.2.6 REMOVING THE FRONT CONTROL PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 3 screws [L], then remove the CONTROL ASSY with the FRONT CONTROL PWB.
 - (2) Remove the FRONT CONTROL PWB.

3.2.7 REMOVING THE RECEIVER PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 3 screws **[M]** and the 1 screw **[N]**, then remove the TUNER BASE.
 - (2) Remove the 2 screws [P] and the 2 screws [Q], then remove the TOP SHIELD CASE.
 - (3) Remove the 2 screws [R], then remove the RECEIVER PWB.

3.2.8 REMOVING THE CONNECTOR PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the TOP SHIELD CASE.
 - (1) Remove the 4 screws [S], then remove the RECEIVER PWB BRACKET.
 - (2) Remove the 1 screw [T], then remove the CONNECTOR PWB.

3.2.9 REMOVING THE COOLING FAN (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the TOP SHIELD CASE.
 - (1) Remove the 5 screws **[U]** and the 3 screws **[V]**, then remove the SHIELD COVER with COOLING FAN.
 - (2) Remove the 2 ribets [W], then the remove the COOLING FAN.

3.2.10 REMOVING THE ATSC TUNER MODULE PWB (Fig.1)

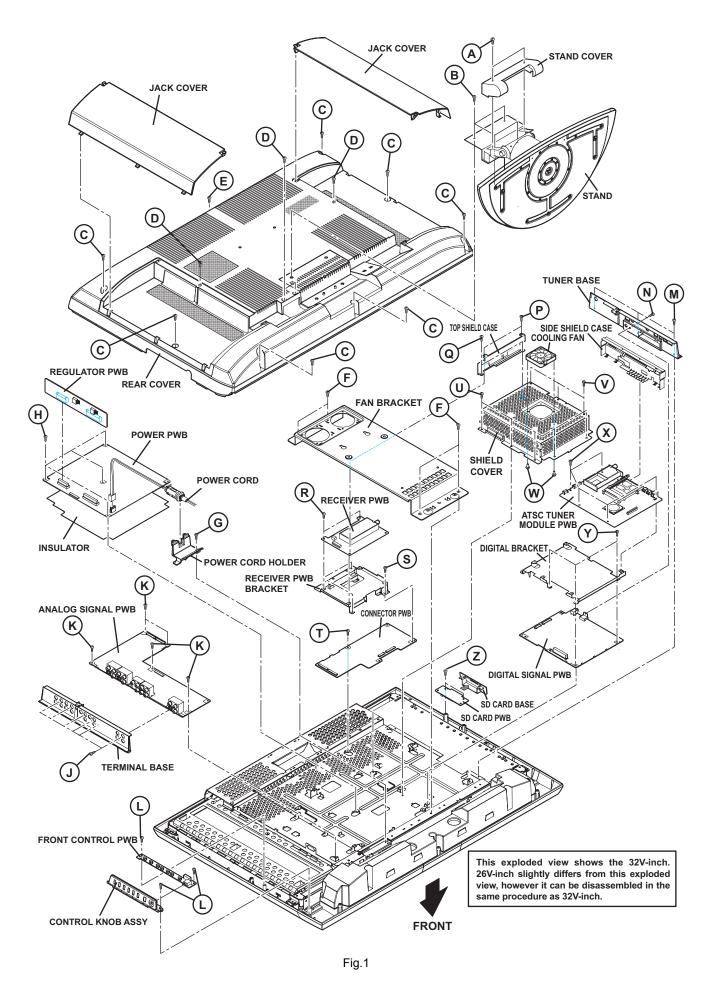
- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the TUNER BASE.
- · Remove the TOP SHIELD CASE.
- Remove the SHIELD COVER.
 - (1) Remove the 5 screws [X], then remove the DIGITAL TUNER UNIT.

3.2.11 REMOVING THE DIGITAL SIGNAL PWB (Fig.1)

- · Remove the STAND.
- Remove the REAR COVER.
- · Remove the TUNER BASE.
- Remove the TOP SHIELD CASE.
- · Remove the SHIELD COVER.
- · Remove the ATSC TUNER MODULE PWB.
 - (1) Remove the 3 screws **[Y]**, then remove the DIGITAL BRACKET.
 - (2) Remove the DIGITAL SIGNALPWB.

3.2.12 REMOVING THE SD CARD PWB (Fig.1)

- · Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 2 screws [Z], then remove the SD CARD PWB.



3.2.13 REMOVING THE SPEAKER (Fig.2)

- · Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 7 screws [A], then remove the SPEAKER BOX.
 - (2) Remove the 4 screws [B], then remove the SPEAKER (L/R).
 - (3) Remove the 8 screws [C], then remove the DUCT(L/R).

NOTE:

Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.

3.2.14 REMOVING THE LCD PANEL UNIT (Fig.2)

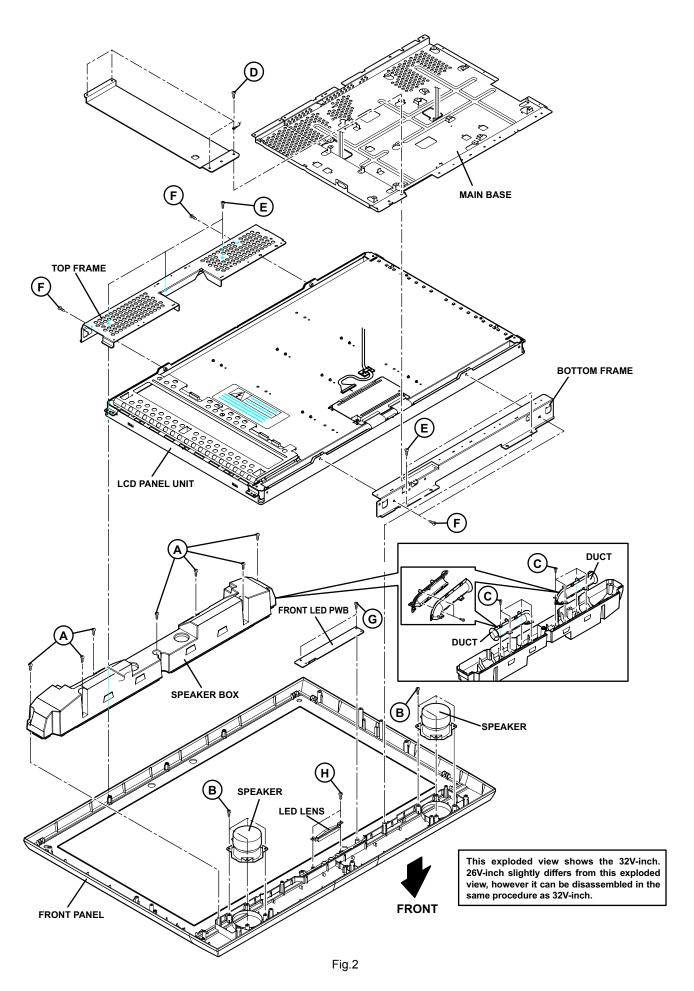
- Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
 - (1) Remove the 4 screws [D], then remove the MAIN BASE.
 - (2) Remove the 5 screws **[E]**. then remove the LCD PANEL UNIT with the TOP FRAME and BOTTOM FRAME.
 - (3) Remove the 4 screws **[F]**. then remove the TOP FRAME and BOTTOM FRAME from the LCD PANEL UNIT.

3.2.15 REMOVING THE FRONT LED PWB (Fig.2)

- Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
 - (1) Remove the 2 screws **[G]**, then remove the FRONT LED PWB.

3.2.16 REMOVING THE LED LENS (Fig.2)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
 - (1) Remove the 2 screws [H], then remove the LED LENS.



3.3 DISASSEMBLY PROCEDURE [LT-37X776]

3.3.1 REMOVING THE STAND (Fig.3)

- (1) Remove the 1 screw [A], then remove the STAND COVER.
- (2) Remove the 4 screws [B], then remove the STAND.

3.3.2 REMOVING THE REAR COVER (Fig.3)

- · Remove the STAND.
 - (1) Remove the JACK COVER (L/R).
 - (2) Remove the 10 screws **[C]**, the 3 screws **[D]**, and the 2 screws **[E]**.
 - (3) Remove the REAR COVER.

3.3.3 REMOVING THE REGULATOR PWB (Fig.3)

- · Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 4 screws [F], then remove the FAN BRACKET.
 - (2) Remove the 1 screw [G], then remove the POWER CORD HOLDER.
 - (3) Remove the POWER CORD from the POWER PWB.
 - (4) Remove the REGULATOR PWB.

3.3.4 REMOVING THE POWER PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
- · Remove the FAN BRACKET.
 - (1) Remove the 4 screw [H], then remove the POWER PWB.

3.3.5 REMOVING THE ANALOG SYGNAL PWB (Fig.3)

- Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
 - (1) Remove the 6 screws [J], then remove the TERMINAL BASE.
 - (2) Remove the 5 screws [K], then remove the ANALOG SIGNAL PWB.

3.3.6 REMOVING THE FRONT CONTROL PWB (Fig.3)

- · Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 3 screws [L], then remove the CONTROL ASSY with the FRONT CONTROL PWB.
 - (2) Remove the FRONT CONTROL PWB.

3.3.7 REMOVING THE RECEIVER PWB (Fig.3)

- · Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 3 screws **[M]** and the 1 screw **[N]**, then remove the TUNER BASE.
 - (2) Remove the 2 screws [P] and the 2 screws [Q], then remove the TOP SHIELD CASE.
 - (3) Remove the 2 screws [R], then remove the RECEIVER PWB.

3.3.8 REMOVING THE CONNECTOR PWB (Fig.3)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the TOP SHIELD CASE.
 - (1) Remove the 4 screws [S], then remove the RECEIVER PWB BRACKET.
 - (2) Remove the 1 screw [T], then remove the CONNECTOR PWB.

3.3.9 REMOVING THE COOLING FAN (Fig.3)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the TOP SHIELD CASE.
 - (1) Remove the 5 screws [U] and the 3 screws [V], then remove the SHIELD COVER with COOLING FAN.
 - (2) Remove the 2 ribets [W], then the remove the COOLING FAN.

3.3.10 REMOVING THE ATSC TUNER MODULE PWB (Fig.3)

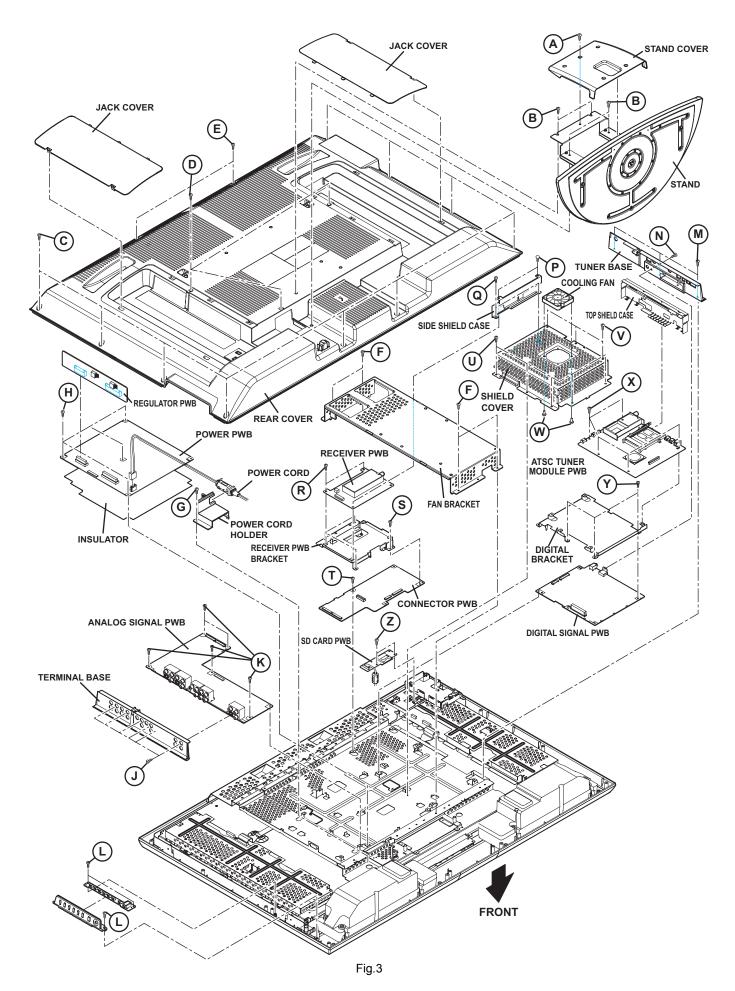
- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the TUNER BASE.
- Remove the TOP SHIELD CASE.
- · Remove the SHIELD COVER.
 - (1) Remove the 5 screws [X], then remove the DIGITAL TUNER UNIT.

3.3.11 REMOVING THE DIGITAL SIGNAL PWB (Fig.3)

- Remove the STAND.
- · Remove the REAR COVER.
- · Remove the TUNER BASE.
- · Remove the TOP SHIELD CASE.
- · Remove the SHIELD COVER.
- Remove the ATSC TUNER MODULE PWB.
 - (1) Remove the 3 screws [Y], then remove the DIGITAL BRACKET.
 - (2) Remove the DIGITAL SIGNALPWB.

3.3.12 REMOVING THE SD CARD PWB (Fig.3)

- Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 2 screws [Z], then remove the SD CARD PWB.



3.3.13 REMOVING THE SPEAKER (Fig.4)

- Remove the STAND.
- · Remove the REAR COVER.
 - (1) Remove the 6 screws [A], then remove the SPEAKER (L/R).

NOTE:

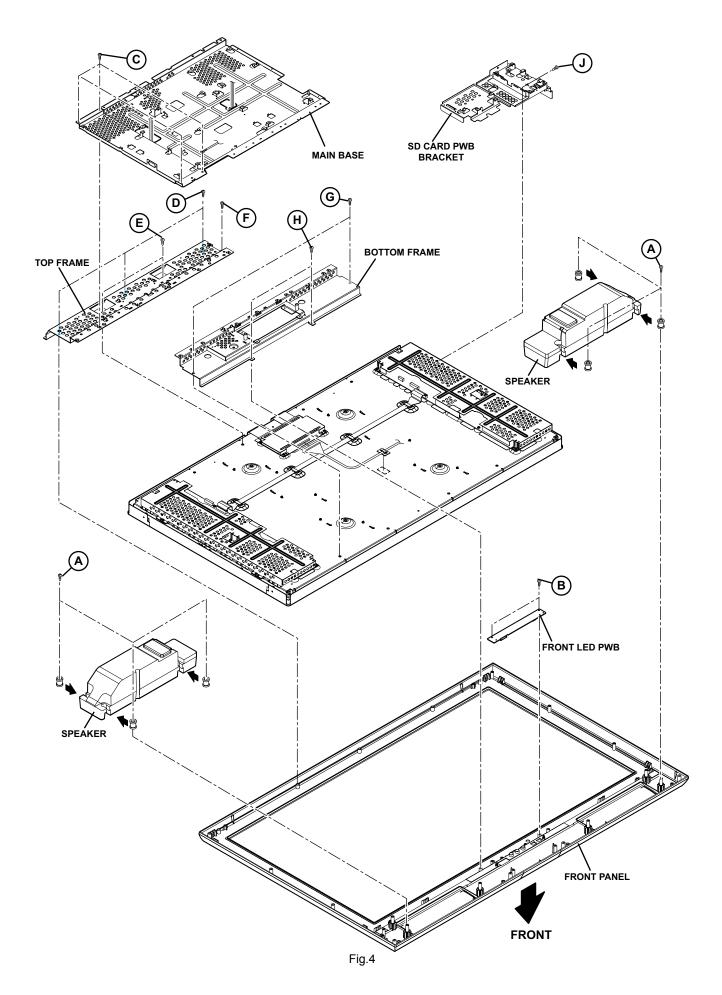
- Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.
- When the speaker is decomposed, the performance cannot be kept.

3.3.14 REMOVING THE FRONT LED PWB (Fig.4)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
 - (1) Remove the 2 screws [B], then remove the FRONT LED PWB.

3.3.15 REMOVING THE LCD PANEL UNIT (Fig.4)

- · Remove the STAND.
- · Remove the REAR COVER.
- · Remove the FAN BRACKET.
 - (1) Remove the 4 screws **[C]**, then remove the MAIN BASE.
 - (2) Remove the 3 screws [D], the 2 screws [E] and the 1 screw [F], then remove the TOP FRAME.
 - (3) Remove the 2 screws **[G]** and the 2 screws **[H]**, then remove the BOTTOM FRAME.
 - (4) Remove the 1 screw [J], then remove the SD CARD PWB BRACKET.
 - (5) Remove the LCD PANEL UNIT from the FRONT PANEL.



3.4 MEMORY IC REPLACEMENT

- · This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.4.1 MEMORY IC REPLACEMENT PROCEDURE

1. Power off

Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC

Be sure to use the memory IC written with the initial setting values.

3. Power on

Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting

Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting

Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting

Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.4.2 SERVICE MODE SETTING

■SERVICE MODE SCREEN

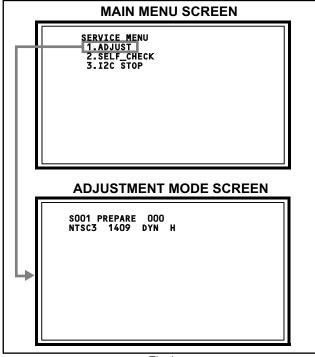


Fig.1

■SETTING ITEM

Setting items	Settings	Item No.
Video sytetem setting	Adjust	S001 to S039
Audio sytetem setting	Adjust	T001 to T010
Panel control sytetem setting	Fixed	P001 to P010
Drive sytetem setting	Fixed	D001 to D187
Main cpu system setting	Fixed	Z001 to Z010

3.4.3 SETTINGS OF FACTORY SHIPMENT

3.4.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	CABLE-02
VOLUME	10

3.4.3.2 REMOTE CONTROL DIRECT OPERATION

S	etting item	Setting position		
INPUT		TV		
CHANNEL		CABLE-02		
VOLUME		10		
MUTING		OFF		
DISPLAY		OFF		
ASPECT	NTSC	PANORAMA		
	HD / ATSC	FULL		
SLEEP TIN	MER	OFF		
THEATER	PRO	OFF		
NATURAL	CINEMA	AUTO		
VIDEO STA	ATUS	DYNAMIC		
MTS		STEREO		
SOUND	A.H.S	OFF		
EFFECT	BBE	ON		
	SMART SOUND	OFF		
	A.H.B	OFF		

3.4.3.3 REMOTE CONTROL MENU OPERATION

1. PICTURE ADJUST

Customers can adjust the picture setting of menu screen as their own like but the picture standard value during factory shipment is as below.

< NTSC MODE >

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	00	00	00	00
BRIGHT	00	00	00	00
COLOR	+10	00	-10	00
TINT	00	00	00	00
DETAIL	+05	00	00	00
ENERGY SAVER MODE	+30	+20	00	-10
COLOR TEMPERATURE	HIGH	LOW	HIGH	HIGH
DIG. NOISE CLEAR	OFF	OFF	OFF	OFF
COLOR MANAGEMENT	ON	ON	ON	ON
DYNAMIC GAMMA	ON	ON	ON	ON
SMART PICTURE	ON	ON	ON	ON

< HD MODE >

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	00	00	00	00
BRIGHT	00	00	00	00
COLOR	+05	00	-10	00
TINT	00	00	00	00
DETAIL	+05	00	00	00
ENERGY SAVER MODE	+30	+20	00	-10
COLOR TEMPERATURE	HIGH	LOW	HIGH	HIGH
DIG. NOISE CLEAR	OFF	OFF	OFF	OFF
COLOR MANAGEMENT	ON	ON	ON	ON
DYNAMIC GAMMA	ON	ON	ON	ON

2. SOUND ADJUST

Setting item	Setting position
BASS	00
TREBLE	00
BALANCE	00

3. CLOCK / TIMERS

Setting item	Setting position
ON / OFF TIMER	OFF

4. INITIAL SETUP

Setting item	Setting position
VIDEO-1 MONITOR OUT	OFF
DIGITAL-IN	AUTO
DIGITAL-AUDIO	DIGITAL
NOISE MUTING	ON
FRONT PANEL LOCK	OFF
V1 SMART INPUT	OFF
VIDEO INPUT LABEL	All blank
POSITION ADJUSTMENT	Center
POWER INDICATOR	HIGH
ILLUMINATION	LOW
LANGUAGE	ENG.
CLOSED CAPTION	OFF(CC1/T1)
AUTO SHUT OFF	OFF
XDS ID	ON
V-CHIP	OFF
AUTO DEMO	OFF

3.5 REPLACEMENT OF CHIP COMPONENT

3.5.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.5.2 SOLDERING IRON

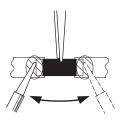
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.5.3 REPLACEMENT STEPS

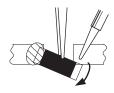
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



(2) Shift with the tweezers and remove the chip part.

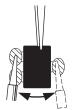


[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



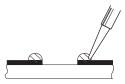
NOTE:

After removing the part, remove remaining solder from the pattern.

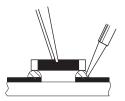
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

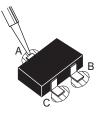


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

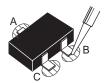


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead A as indicated in the figure.



(4) Then solder leads B and C.



SECTION 4 ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

- (1) There are 2 ways of adjusting this TV: One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.
- (2) The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- (3) Make sure that connection is correctly made AC to AC power source.
- (4) Turn on the power of the TV and measuring instruments for warning up for at least 30 minutes before starting adjustments.
- (5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
- (6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings
VIDEO STATUS	STANDARD
BRIGHT / CONTRAST / COLOR / TINT	00
COLOR TEMPERATURE	LOW
DIG. NOISE CLEAR	OFF
COLOR MANAGEMENT	ON
NATURAL CINEMA	OFF
TREBLE / BASS / BALANCE	00
SMART SOUND	OFF
MTS	STEREO
BBE	OFF
A.H.S	OFF
A.H.B	OFF
ASPECT	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator) [NTSC / 525i / 525p / 750p / 1125i]
- · TV audio multiplex signal generator
- · Remote control unit

4.4 ADJUSTMENT ITEMS

■ VIDEO CIRCUIT

- 525i A-D OFFSET adjustment
- 1125i BRIGHTNESS adjustment
- 1125i A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGHLIGHT) adjustment

■ MTS CIRCUIT

- · MTS INPUT LEVEL adjustment
- · MTS SEPARATION adjustment

4.5 BASIC OPERATION OF SERVICE MODE

4.5.1 HOW TO ENTER THE SERVICE MODE

- (1) Set to 0 minutes using the [SLEEP TIMER] key.
- (2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MODE (Fig.1)

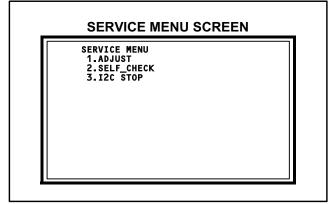


Fig.1

NOTE:

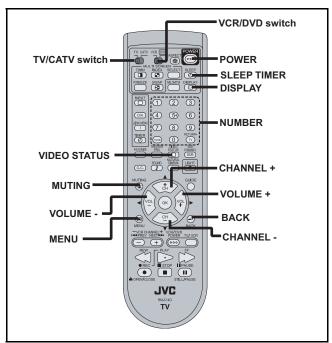
- Before entering the SERVICE MODE, confirm that the setting of TV/CATV switch of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR/DVD switch is at the "VCR" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the [1] keys is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.

This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

4.5.2 HOW TO EXIT THE SERVICE MODE

Press the [BACK] key to exit the Service mode.

4.5.3 SERVICE MODE SELECT KEY LOCATION



4.5.4 ADJUSTMENT MODE

This mode is used to adjust the VIDEO CIRCUIT and the MTS CIRCUIT.

4.5.4.1 HOW TO ENTER THE ADJUSTMENT MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press [1] key to enter the **ADJUSTMENT MODE** (Fig.2).

4.5.4.2 DESCRIPTION OF STATUS DISPLAY OF ADJUSTMENT MODE

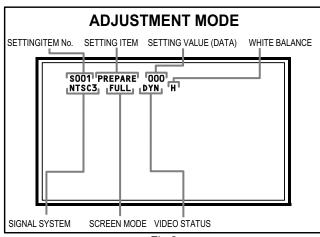


Fig.2

(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

NTSC3 : 525i (Composite / S-video input)

525I : 525i (Component input)

525P : 525p 112516 : 1125i 750P : 750p : HDMI 525i H5251 H525P : HDMI 525p H125I6 : HDMI 1125i H750P : HDMI 750p : Digital 525i D525I D525P : Digital 525p D125I6 : Digital 1125i

(2) SCREEN MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

SINGLE SCREEN

FULL: FULL

1609 : CINEMA, CINEMA ZOOM
PANO : PANORAMA, HD PANORAMA

REGU: REGULAR

MULTI SCREEN

M2 : TWIN, FREEZE screen

M12 : INDEX screen

(3) VIDEO STATUS

STD: STANDARD
DYN: DYNAMIC
TH: THEATER
GAME: GAME

(4) WHITE BALANCE

H : HIGH L : LOW

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S039	Video system setting
T001 - T010	Audio system setting
P001 - P010	Panel control system setting
D001 - D187	Drive system setting
Z001 - Z010	Main CPU system setting

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "Initial setting value of adjustment mode".

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.4.3 CHANGE AND MEMORY OF SETTING VALUE

■SELECTION OF SETTING ITEM

• [CH+] / [CH-] key.

Change the setting items up/ down.

$$S001... \leftrightarrow T001... \leftrightarrow P001... \leftrightarrow D001... \leftrightarrow Z001...$$

• [SLEEP TIMER] key.

Switches to the next items.

 $S001 \rightarrow T001 \rightarrow P001 \rightarrow D001 \rightarrow Z001$

■CHANGE OF SETTING VALUE (DATA)

[VOL+] / [VOL-] key.

Change the setting values up/down.

■MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing [MUTING] key.

4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- · Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 VIDEO SYSTEM SETTING

Item No.	Item name	Variable range	Setting value
S001	PREPARE	000 - 031	000
S002	NTSC BL	000 - 015	000
S003	NTSC CNT	000 - 255	053
S004	NT CR OF	000 - 015	006
S005	NT CB OF	000 - 015	006
S006	525i BL	000 - 015	000
S007	525i CNT	000 - 255	053
S008	5i CB OF	000 - 015	000
S009	5i CR OF	000 - 015	000
S010	5i CR GN	000 - 015	006
S011	5i CB GN	000 - 015	006
S012	HD BL	000 - 063	000
S013	HD CB OF	000 - 063	058
S014	HD CR OF	000 - 063	056
S015	RT CONT	000 - 015	007
S016	RT CB OF	000 - 015	004
S017	RT CR OF	000 - 015	004
S018	RT CL GA	000 - 015	012
S019	PC CL MB	000 - 007	000
S020	PC CL LB	000 - 031	000
S021	PC CL MR	000 - 071	000
S022	PC CL LR	000 - 031	000
S023	(Not display)	000 - 255	000
S024	(Not display)	000 - 255	000
S025	(Not display)	000 - 255	000
S026	(Not display)	000 - 255	000
S027	(Not display)	000 - 255	000
S028	(Not display)	000 - 255	000
S029	(Not display)	000 - 255	000
S030	R DRIVE	000 - 255	130
S031	G DRIVE	000 - 255	133
S032	B DRIVE	000 - 255	114
S033	(Not display)	000 - 255	000
S034	(Not display)	000 - 255	000
S035	(Not display)	000 - 255	000
S036	(Not display)	000 - 255	000
S037	(Not display)	000 - 255	000
S038	(Not display)	000 - 255	000
S039	ILA COM	+00 - +01	+00

4.6.2 AUDIO SYSTEM SETTING

Item No.	Item name	Variable range	Setting value
T001	IN LEVEL	000 - 255	009
T002	LOW SEP	000 - 255	033
T003	HIGH SEP	000 - 255	024
T004	AFC	000 - 255	+00
T005	(Not display)	000 - 255	00
T006	ATT V ON	000 - 001	000
T007	ATT U ON	000 - 001	000
T008	ATT C ON	000 - 001	000
T009	(Not display)	000 - 255	000
T010	(Not display)	000 - 255	000

4.6.3 PANEL CONTROL SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
P001	TM HOR H	00 - FF	00
P002	TM HOR L	00 - FF	00
P003	TM MIN	00 - FF	00
P004	TEMP0	000 - 255	000
P005	(Not display)	000 - 255	000
P006	(Not display)	000 - 255	000
P007	(Not display)	000 - 255	000
P008	(Not display)	000 - 255	000
P009	(Not display)	000 - 255	000
P010	(Not display)	000 - 255	000

4.6.4 DRIVE SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
D001	SLV GN	00 - 3F	18
D002	SLVH GN	00 - 3F	18
D003	SLH GN	00 - 3F	18
D004	SLV Pf	00 - 03	01
D005	SLH Pf H	00 - 01	01
D006	SLH Pf L	00 - 03	01
D007	SL EGCON	00 - 3F	04
D008	SL EGONF	00 - 01	01
D009	SL CRGON	00 - 3F	06
D010	SL CRGON	00 - 01	01
D011	SL ON OF	00 - 01	01
D012	SV GN	00 - 3F	24
D013	SVH GN	00 - 3F	25
D014	SH GN	00 - 3F	28
D015	SV Pf	00 - 03	01
D016	SV PfH	00 - 01	01

Item No.	Item name	Variable range	Setting value
D017	SV PfL	00 - 03	01
D018	SYL CON	00 - 3F	20
D019	SYL CONF	00 - 01	01
D020	SYH CON	00 - 3F	00
D021	SYH CONF	00 - 01	01
D022	SC CON	00 - 3F	10
D023	SC CNONF	00 - 01	01
D024	SPM BLC	00 - 3F	02
D025	SPM BLCO	00 - 01	01
D026	SLIM	00 - 3F	28
D027	SLIMONF	00 - 01	01
D028	SCRG	00 - 3F	10
D029	SRGONF	00 - 01	01
D030	S ONF	00 - 01	01
D031	pb GN	00 - 3F	15
D032	pb PfH	00 - 01	01
D033	pb PfL	00 - 03	00
D034	pb CRG	00 - 3F	10
D035	pb CRGON	00 - 01	01
D036	pb ONF	00 - 01	01
D037	pr GN	00 - 3F	15
D038	pr PfH	00 - 01	01
D039	pr PfL	00 - 03	00
D040	pr CRG	00 - 3F	10
D041	pr CRGON	00 - 01	01
D042	pr ONF	00 - 01	01
D043	ENH ONF	00 - 01	01
D044	(Not display)	00 - FF	00
D045	(Not display)	00 - FF	00
D046	(Not display)	00 - FF	00
D047	(Not display)	00 - FF	00
D048	(Not display)	00 - FF	00
D049	(Not display)	00 - FF	00
D050	(Not display)	00 - FF	00
D051	(Not display)	00 - FF	00
D052	(Not display)	00 - FF	00
D053	(Not display)	00 - FF	00
D054	(Not display)	00 - FF	00
D055	(Not display)	00 - FF	00
D056	(Not display)	00 - FF	00
D057	(Not display)	00 - FF	00
D058	(Not display)	00 - FF	00
D059	(Not display)	00 - FF	00
D060	(Not display)	00 - FF	00
D061	(Not display)	00 - FF	00
D062	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D063	(Not display)	00 - FF	00
D064	(Not display)	00 - FF	00
D065	(Not display)	00 - FF	00
D066	(Not display)	00 - FF	00
D067	(Not display)	00 - FF	00
D068	(Not display)	00 - FF	00
D069	(Not display)	00 - FF	00
D070	(Not display)	00 - FF	00
D071	(Not display)	00 - FF	00
D072	(Not display)	00 - FF	00
D073	(Not display)	00 - FF	00
D074	(Not display)	00 - FF	00
D075	(Not display)	00 - FF	00
D076	(Not display)	00 - FF	00
D077	(Not display)	00 - FF	00
D078	(Not display)	00 - FF	00
D079	(Not display)	00 - FF	00
D080	(Not display)	00 - FF	00
D081	(Not display)	00 - FF	00
D082	(Not display)	00 - FF	00
D083	(Not display)	00 - FF	00
D084	(Not display)	00 - FF	00
D085	(Not display)	00 - FF	00
D086	(Not display)	00 - FF	00
D087	(Not display)	00 - FF	00
D088	(Not display)	00 - FF	00
D089	(Not display)	00 - FF	00
D090	(Not display)	00 - FF	00
D091	(Not display)	00 - FF	00
D092	(Not display)	00 - FF	00
D093	(Not display)	00 - FF	00
D094	(Not display)	00 - FF	00
D095	(Not display)	00 - FF	00
D096	(Not display)	00 - FF	00
D097	(Not display)	00 - FF	00
D098	(Not display)	00 - FF	00
D099	(Not display)	00 - FF	00
D101	(Not display)	00 - FF	00
D102	(Not display)	00 - FF	00
D103	(Not display)	00 - FF	00
D104	(Not display)	00 - FF	00
D105	(Not display)	00 - FF	00
D106	(Not display)	00 - FF	00
D107	(Not display)	00 - FF	00
D108	(Not display)	00 - FF	00
D109	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D110	(Not display)	00 - FF	00
D111	(Not display)	00 - FF	00
D112	(Not display)	00 - FF	00
D113	(Not display)	00 - FF	00
D114	(Not display)	00 - FF	00
D115	(Not display)	00 - FF	00
D116	(Not display)	00 - FF	00
D117	(Not display)	00 - FF	00
D118	(Not display)	00 - FF	00
D119	(Not display)	00 - FF	00
D120	(Not display)	00 - FF	00
D121	(Not display)	00 - FF	00
D122	(Not display)	00 - FF	00
D123	(Not display)	00 - FF	00
D124	(Not display)	00 - FF	00
D125	(Not display)	00 - FF	00
D126	(Not display)	00 - FF	00
D127	(Not display)	00 - FF	00
D128	(Not display)	00 - FF	00
D129	(Not display)	00 - FF	00
D130	(Not display)	00 - FF	00
D131	(Not display)	00 - FF	00
D132	(Not display)	00 - FF	00
D133	(Not display)	00 - FF	00
D134	(Not display)	00 - FF	00
D135	(Not display)	00 - FF	00
D136	(Not display)	00 - FF	00
D137	(Not display)	00 - FF	00
D138	(Not display)	00 - FF	00
D139 D140	(Not display) (Not display)	00 - FF 00 - FF	00
D140	(Not display)	00 - FF	00
D141	(Not display)	00 - FF	00
D142	(Not display)	00 - FF	00
D144	(Not display)	00 - FF	00
D145	(Not display)	00 - FF	00
D146	(Not display)	00 - FF	00
D147	(Not display)	00 - FF	00
D148	(Not display)	00 - FF	00
D149	(Not display)	00 - FF	00
D150	(Not display)	00 - FF	00
D151	(Not display)	00 - FF	00
D152	(Not display)	00 - FF	00
D153	(Not display)	00 - FF	00
D154	(Not display)	00 - FF	00
D155	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D156	(Not display)	00 - FF	00
D157	(Not display)	00 - FF	00
D158	(Not display)	00 - FF	00
D159	(Not display)	00 - FF	00
D160	(Not display)	00 - FF	00
D161	(Not display)	00 - FF	00
D162	(Not display)	00 - FF	00
D163	(Not display)	00 - FF	00
D164	(Not display)	00 - FF	00
D165	(Not display)	00 - FF	00
D166	(Not display)	00 - FF	00
D167	(Not display)	00 - FF	00
D168	(Not display)	00 - FF	00
D169	(Not display)	00 - FF	00
D170	(Not display)	00 - FF	00
D171	(Not display)	00 - FF	00
D172	(Not display)	00 - FF	00
D173	(Not display)	00 - FF	00
D174	(Not display)	00 - FF	00
D175	(Not display)	00 - FF	00
D176	(Not display)	00 - FF	00
D177	(Not display)	00 - FF	00
D178	(Not display)	00 - FF	00
D179	(Not display)	00 - FF	00
D180	(Not display)	00 - FF	00
D181	(Not display)	00 - FF	00
D182	(Not display)	00 - FF	00
D183	(Not display)	00 - FF	00
D184	(Not display)	00 - FF	00
D185	(Not display)	00 - FF	00
D186	(Not display)	00 - FF	00
D187	(Not display)	00 - FF	00

4.6.5 MAIN CPU SYETEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
Z001	(Not display)	00 - FF	00
Z002	(Not display)	00 - FF	00
Z003	(Not display)	00 - FF	00
Z004	(Not display)	00 - FF	00
Z005	(Not display)	00 - FF	00
Z006	(Not display)	00 - FF	00
Z007	(Not display)	00 - FF	00
Z008	(Not display)	00 - FF	00
Z009	(Not display)	00 - FF	00
Z010	(Not display)	00 - FF	00

4.7 ADJUSTMENT PROCEDURE

4.7.1 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
525i A-D OFFSET Remote control unit Signal generator Disappears the color at both ends.		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S008: 5i CB OF(525i cb offset) S009: 5i CR OF(525i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	 (1) Receive a 525i component ramp pattern signal. (2) Set "VIDEO STATUS" to "STANDARD". (3) Set "ASPECT" to "FULL". (4) Set "COLOR TEMPERATURE" to "LOW". (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < \$030 > (R DRIVE), < \$031> (G DRIVE) and < \$032 > (B DRIVE) to "133". (7) Set < \$001 > (adjustment setting mode change) to set "008" and it change to the 525i A-D offset adjustment setting mode. (8) Adjust < \$008 > (525i Cb offset) and < \$009 > (525i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the center of the screen. (9) Set < \$001 > to set "000" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set 	
1125i BRIGHTNESS Remote control unit Signal generator Set the 0% black part to be brightest.		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S012: HD BL(1125i brightness) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	value. (1) Receive a 1125i gray scale pattern signal. (2) Set "VIDEO STATUS" to "STANDARD". (3) Set "ASPECT" to "FULL". (4) Set "COLOR TEMPERATURE" to "LOW". (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < \$030 > (R DRIVE), < \$031> (G DRIVE) and < \$032 > (B DRIVE) to "133". (7) Set < \$001 > (adjustment setting mode change) to set the values "012" and it change to the 1125i black level adjustment setting mode. (8) Adjust < \$012 > (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest. (9) Set < \$001 > to set "000" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set	
	Remote control unit Signal generator e red and blue ralf of the screen.	oises in	[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S013: HD CB OF(1125i cb offset) S014: HD CR OF(1125i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	value. (1) Receive a 1125i 30% all white pattern signal. (2) Set "VIDEO STATUS" to "STANDARD". (3) Set "ASPECT" to "FULL". (4) Set "COLOR TEMPERATURE" to "LOW". (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < \$030 > (R DRIVE), < \$031 > (G DRIVE) and < \$032 > (B DRIVE) to "133". (7) Set < \$001 > (adjustment setting mode change) to set "013" and it change to the 1125i A-D offset adjustment setting mode. (8) Adjust < \$013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Adjust < \$014 > (1125i Cr offset) to minimize the blue noise in the upper half of the screen. (10) Set < \$001 > to set "000" and it change to the normal mode. (11) Press the [MUTING] key to memoirze the set value.

Item	Measuring instrument	Test point	Adjustment part	Description
SUB SCREEN A-D OFFSET	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S016: RT CB OF	 (1) Set "VIDEO STATUS" to "STANDARD". (2) Set "ASPECT" to "FULL". (3) Set "COLOR TEMPERATURE" to "LOW". (4) Set "MULTI SCREEN" to "TWIN". (5) Receive a NTSC 30% all white pattern signal
		(Sub screen cb offset) S017: RT CR OF (Sub screen cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal). (6) Select "1.ADJUST" from the SERVICE MODE. (7) Set < \$030 > (R DRIVE), < \$031> (G DRIVE) and < \$032 > (B DRIVE) to "133". (8) Set < \$001 > (adjustment setting mode change) to set "017" and it change to the sub screen A-D offset adjustment setting mode. (9) Adjust < \$016 > (Sub screen cb offset) to minimize the blue noise in the upper half of the screen. If you select an adjustment item < \$016 >, then the screen automatically turn to twin pictures mode. (10) Adjust < \$017 > (Sub screen cr offset) to minimize the red noise in the upper half of the screen. (11) Readjust < \$016 > and < \$017 > to set the upper half of the screen to be the blackest. (See Fig.9) (12) Set < \$001 > to set "000" and it change to the normal mode. (13) Press the [MUTING] key to memoirze the set value.	
WHITE BALANCE (HIGHLIGHT) Signal generator		[1.ADJUST] S030: R DRIVE (Red drive) S031: G DRIVE (Green drive) S032: B DRIVE (Blue drive)	 (1) Receive a NTSC 75% all white signal. (2) Set "VIDEO STATUS" to "STANDARD". (3) Set "ASPECT" to "FULL". (4) Select "COLOR TEMPERATURE" to "LOW". (5) Select "1.ADJUST" from the SERVICE MODE. (6) Adjust to keep one of < \$030 > (Red drive), < \$031 > (Green drive) or < \$032 > (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout. NOTE: Set one or more of < \$030 > , < \$031 > , and < \$032 > to "133". (7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the [MUTING] key to memoirze the set value. 	

4.7.2 MTS CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL	Remote control unit		[1.ADJUST] T001: IN LEVEL	 (1) Receive the any broadcast. (2) Select "1.ADJUST" from the SERVICE MODE. (3) Verify that the < T001 > (IN LEVEL) is set at its initial setting value. (4) Press the [MUTING] key to memorize the set value.
MTS SEPARATION	TV audio multiplex signal generator Oscilloscope Remote control unit L-Channel signal waveform 1 cycle TV audio multiplex signal L OUT R OUT T002: LOW SEP T003: HI SEP R-Channel crosstalk portion		T002: LOW SEP	 (1) Input the stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to L OUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal. (3) Change the connection of the oscilloscope to R OUT pin of the AUDIO OUT, and enlarge the voltage axis.
			crosstalk portion	 (4) Select "1.ADJUST" from the SERVICE MODE. (5) Set the initial setting value of the < T002 > (LOW SEP). (6) Adjust the < T002 > so that the stroke element of the 300Hz signal will become minimum. (7) Change the signal to 3kHz, and similarly adjust the < T003> (HI SEP). (8) Press the [MUTING] key to memorize the set value.

SECTION 5 TROUBLESHOOTING

5.1 SELF CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure. Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time. Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I²C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the Self check Display mode, confirm that the setting of **TV/CATV** SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR/DVD SW is at the "VCR" side. If the switches have not been properly set, you cannot enter the Self check Display mode.

- (1) Set to "0 minutes" using the [SLEEP TIMER] key.
- (2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the service mode.
- (3) Press the [2] key (SELF_CHECK) before the service mode screen disappears.
- (4) Press the [SLEEP TIMER] key to enter Page 2 of the SELF CHECK MODE.
 - When the [RETURN+] key pressed, the first page change screen.

NOTE:

When a number key other than the [2] key is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.

This is not used in the SELF CHECK. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

5.1.3 HOW TO EXIT THE SELF CHECK MODE

TO SAVE FAILURE HISTORY:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

TO CLEAR (RESET) FAILURE HISTORY:

Turn off the power by pressing the **[POWER]** key on the remote control unit when in the Self check display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

- (1) Temporary defective transmissions across circuits due to pulse interruptions
- (2) Misalignment in the on/off timing of power for I²C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.

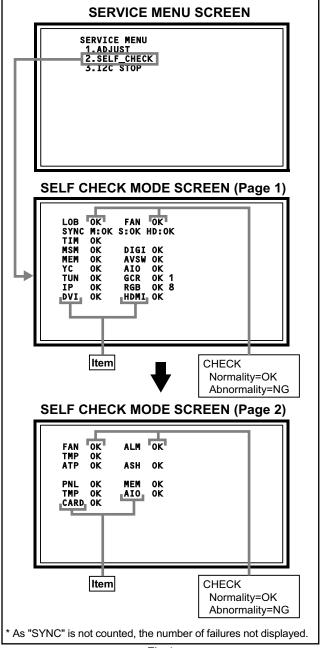


Fig.1

5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirm the operation of the low bais (5V / 9V) protection circuit. Q9801, Q9802 [REGULATOR PWB]	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off.
Fan lock	FAN	Not used.		
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M: Main sync signal S: Sub sync signal HD: Component sync signal [C201 [ANALOG SIGNAL PWB]	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.		
Main CPU communication	MSM	Confirmation of ACK (response) signal which uses sync communications with Chassis CPU. [C7601 [DIGITAL SIGNAL PWB]	WAKE	If it checks whenever sync communication with SHM performed and no reply of ACK signal an error will be counted.
Digital tuner	DIG	Not used.		
Main memory	MEM	Confirmation of reply of ACK signal which uses I ² C communication. IC7602 [DIGITAL SIGNAL PWB]	SDA	If it checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.
AV select switch	AVSW	Same as above. IC301, IC501 [ANALOG SIGNAL PWB]	SDA	Same as above.
3 dimensions YC separator	YC	Same as above. IC1001 [DIGITAL SIGNAL PWB]	SDA	Same as above.
Multi sound process	AIO	Same as above. IC1140 [RECEIVER PWB]	SDA	Same as above.
RF tuner	TUN	Same as above. TU3001 [RECEIVER PWB]	SDA	Same as above.
Ghost reduction	GCR	Not used.		
DIST process	IP	Confirmation of reply of ACK signal which uses I ² C communication. [C3001 [DIGITAL SIGNAL PWB]	SDA	If it checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Not used.		
DVI (Digital communication)	DVI	Not used.		
Digital input	HDMI	Confirmation of reply of ACK signal which uses I ² C communication.	SDA	If it checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.

< Page 2 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Fan lock	FAN	Not used.		
Abnormal of operation of PANEL	ALM	Not used.		
Abnormal rise oftemperature in PANEL	TMP	Not used.		
Abnormal rise of temperature in AUDIO PWB	ATP	Not used.		
Short circuit detection of AUDIO PWB	ASH	Not used.		
Panel communication	PNL	Not used.		
Sub memory	MEM	Not used.		
Temp. sensor	TMP	Not used.		
Audio control	AIO	Not used.		

5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

Type of error	Display	POWER LED flash cycle
Low bias line short protection	LOB	Low luminance blue turnig on and off at 1 second intervals.
ATSC digital tuner communication error		Low luminance blue Flash 2.0 second / Low luminance blue Out 2.0 seconds
Fan lock		Low luminance blue Flash 2.0 second / Low luminance blue Out 2.0 seconds

< Explanation of operation >

If error is detected, the power is turned off.

Shortly after a power is turned off, POWER LED will be blinked.

Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.





Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

JVC

SCHEMATIC DIAGRAMS

LCD FLAT TELEVISION

LT-26X776/KA, LT-32X776/KA, LT-37X776/KA

CD-ROM No.SML200506

BASIC CHASSIS

FL2





[LT-32X776]



LT-26X776/ka, LT-32X776/ka, LT-37X776/ka STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the \(\triangle \) symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal : Colour bar signal

(2)Setting positions of each knob/button and

variable resistor : Original setting position

when shipped

(3)Internal resistance of tester : DC 20kΩ/V

(4)Oscilloscope sweeping time : H ⇒ 20µs / div

: V \Rightarrow 5ms / div

: Othters \Rightarrow Sweeping time is

specified

(5) Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

lacktriangle In the PW board : R209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM (1)Resistors

Resistance value

Rated allowable power

No indication : 1/16 [W]
Others : As specified

Type

No indication : Carbon resistor
OMR : Oxide metal film resistor
MFR : Metal film resistor
MPR : Metal plate resistor
UNFR : Uninflammable resistor
FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

Capacitance value

 $\begin{array}{ll} \text{1 or higher} & : [pF] \\ \text{less than 1} & : [\mu F] \end{array}$

Withstand voltage

No indication : DC50[V]

Others : DC withstand voltage [V]
AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [µF]/withstand voltage[V]

Type

No indication : Ceramic capacitor

MM : Metalized mylar capacitor

PP : Polypropylene capacitor

MPP : Metalized polypropylene capacitor

MF : Metalized film capacitor
TF : Thin film capacitor
BP : Bipolar electrolytic capacitor
TAN : Tantalum capacitor

(3)Coils

No unit : [µH]
Others : As specified

(4)Power Supply

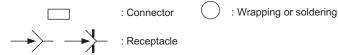


*Respective voltage values are indicated

(5)Test point



(6)Connecting method



(7)Ground symbol

 \bot : LIVE side ground

: ISOLATED(NEUTRAL) side ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\bot) side GND and the ISOLATED(NEUTRAL) : (\beth) side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time.
 If the above precaution is not respected, a fuse or any parts will be broken.
- Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

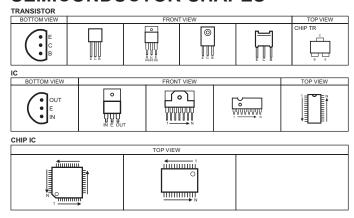
When ordering parts, please use the numbers that appear in the Parts List.

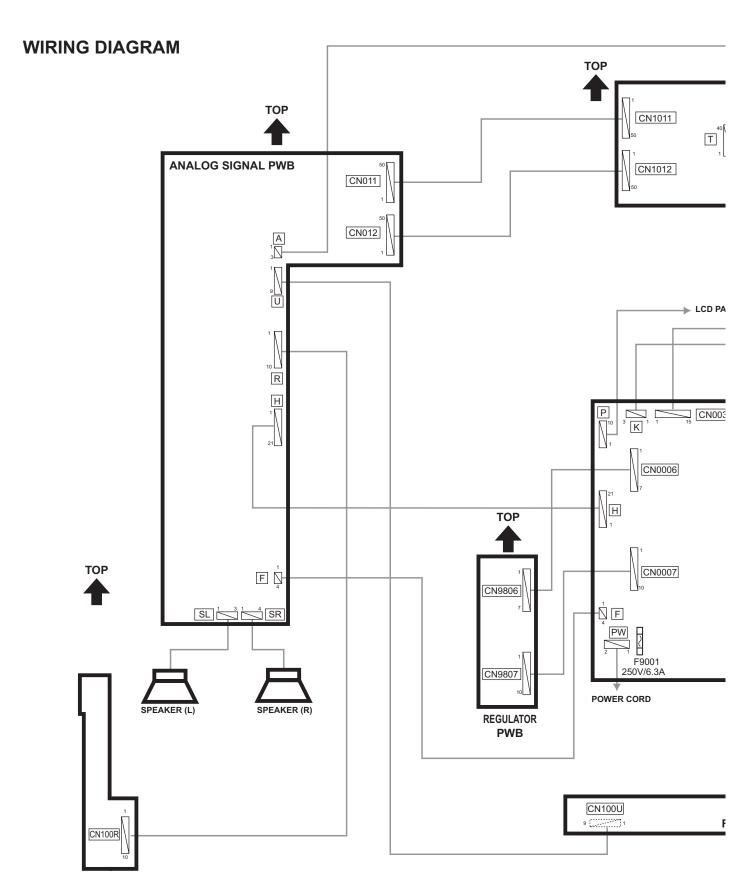
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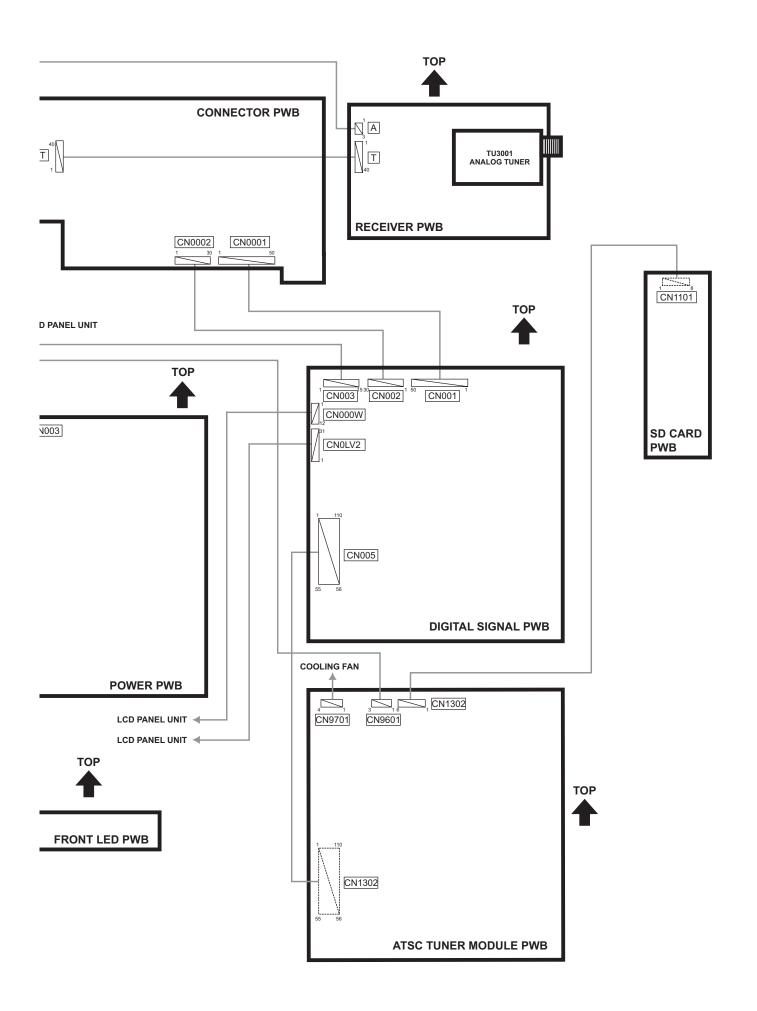
P.W.B ASS'Y name	LT-26X776/KA	LT-32X776/KA	LT-37X776/KA
ANALOG SIGNAL P.W. BOARD	SFL-1121A-M2	←	SFL-1122A-M2
CONNECTOR P.W. BOARD	SFL-4121A-M2	←	←
FRONT CONTROL P.W. BOARD	SFL-7101A-M2	←	←
FRONT LED P.W. BOARD	SFL-8123A-M2	←	←
SD CARD P.W. BOARD	SFL-8304A-M2	←	←
POWER P.W. BOARD	SFL-9031A-M2	SFL-9030A-M2	SFL-9029A-M2
REGULATOR P.W. BOARD	SFL-9131A-M2	SFL-9130A-M2	SFL-9129A-M2
DIGITAL SIGNAL P.W. BOARD	SFL0D133A-M2	SFL0D132A-M2	SFL0D131A-M2
RECEIVER P.W. BOARD	SFL0F801A-M2	←—	←

SEMICONDUCTOR SHAPES

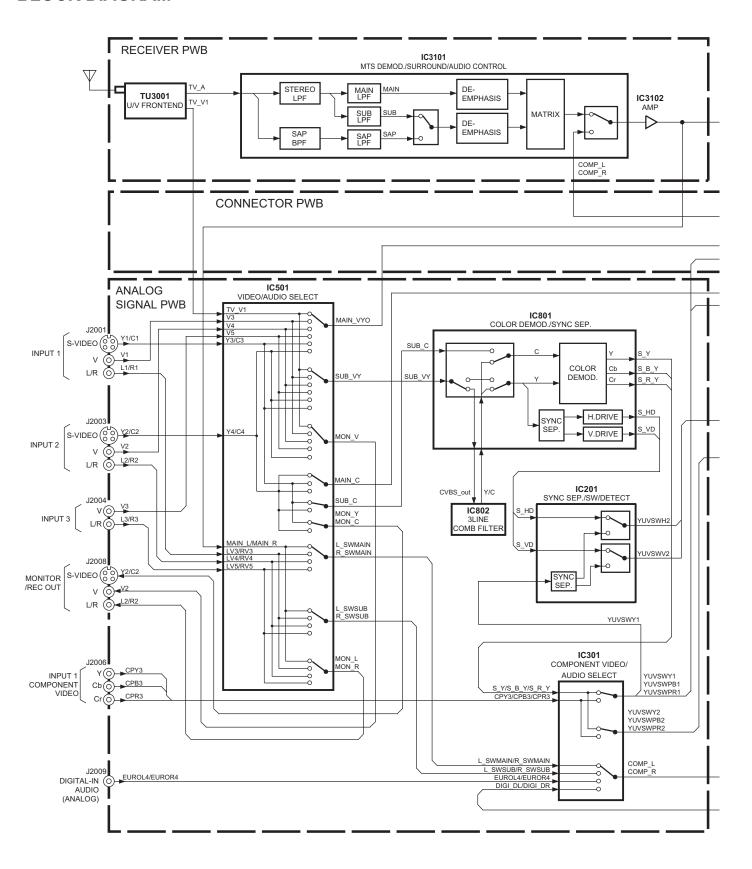


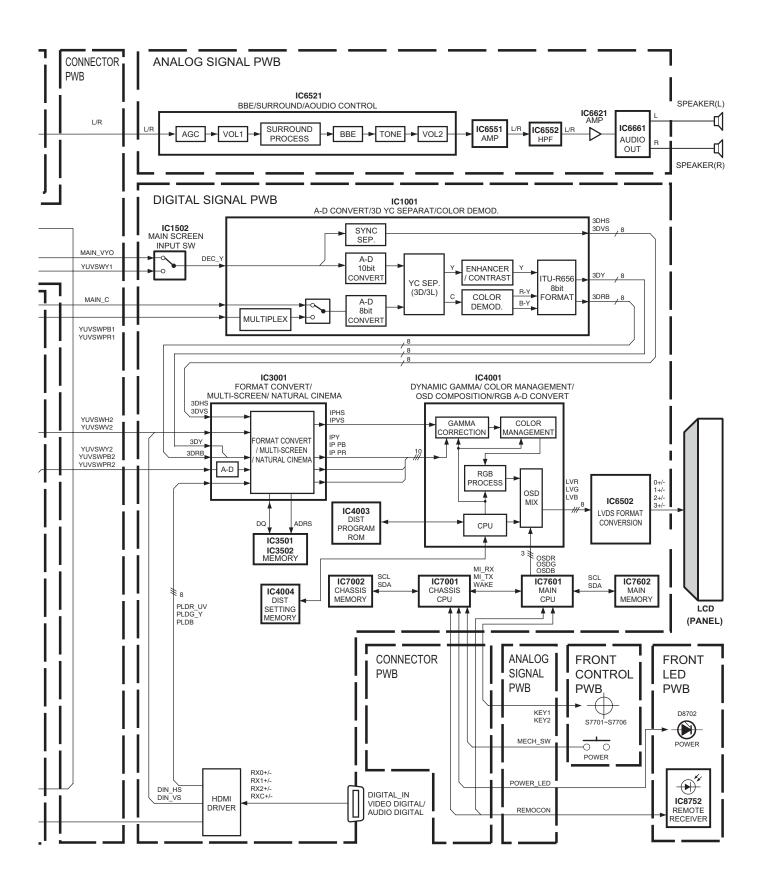


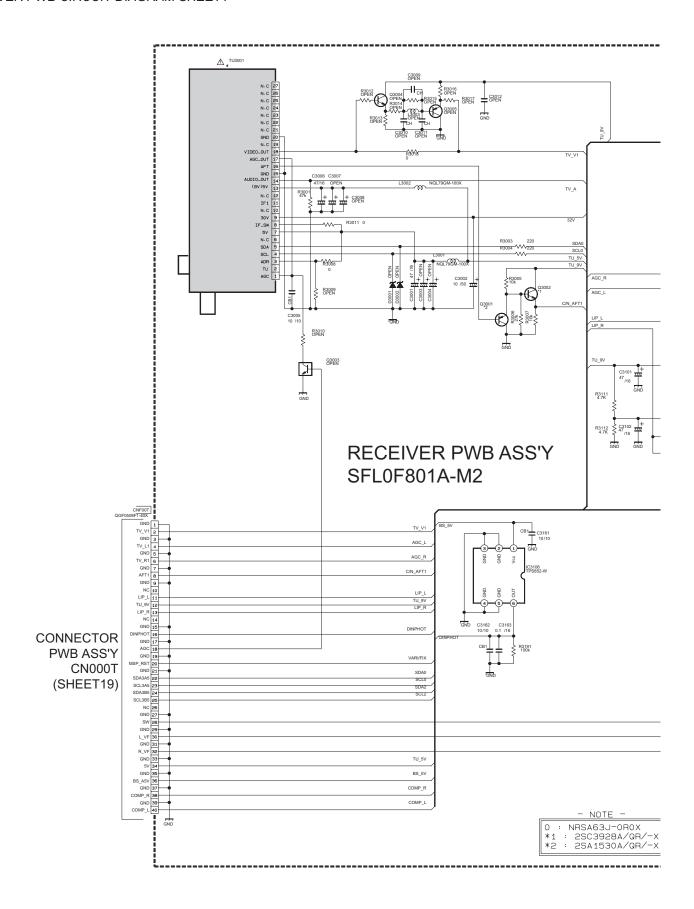
FRONT CONTROL PWB



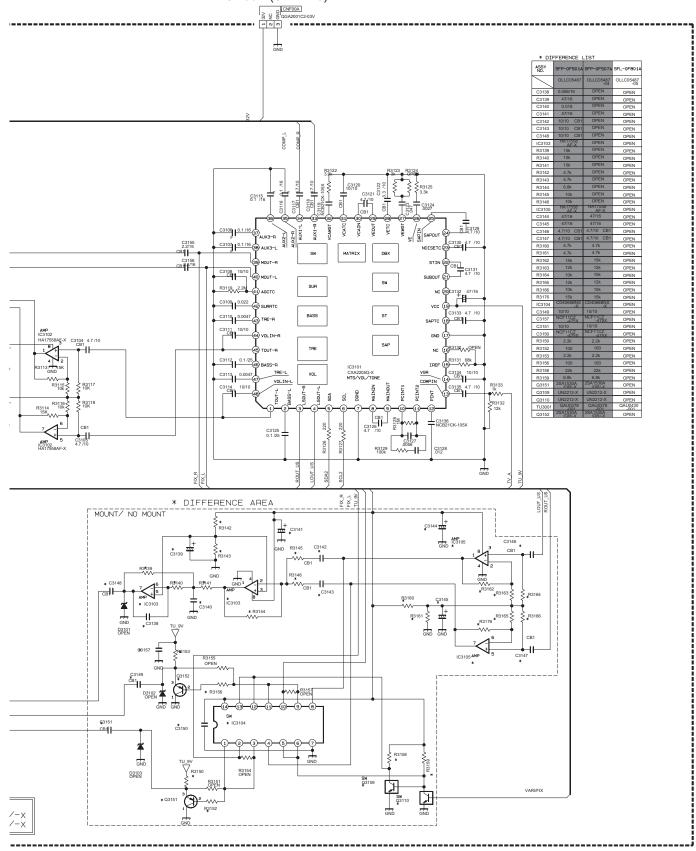
BLOCK DIAGRAM

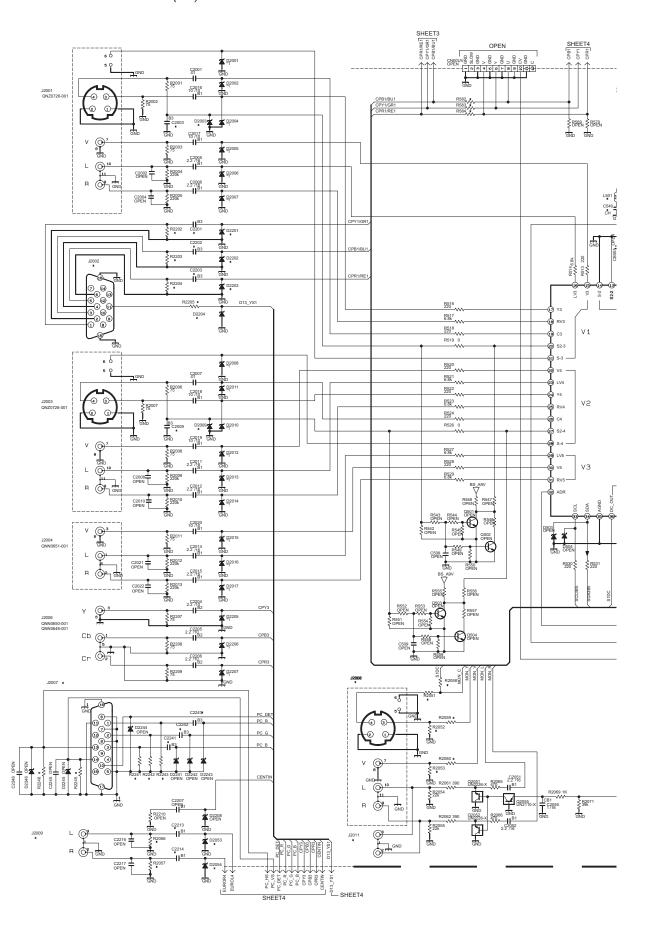


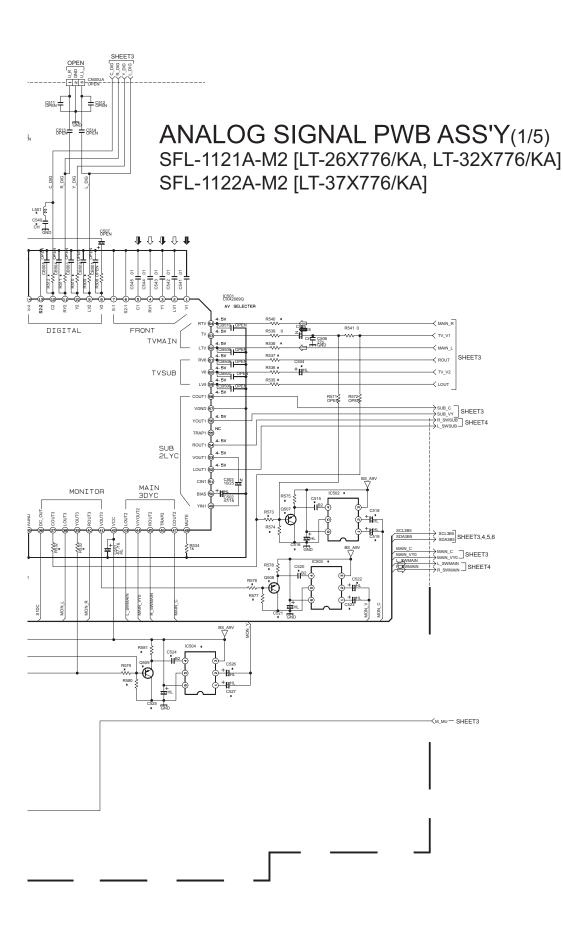




ANALOG SIGNAL PWB ASS'Y (5/5) CN00A (SHEET6)

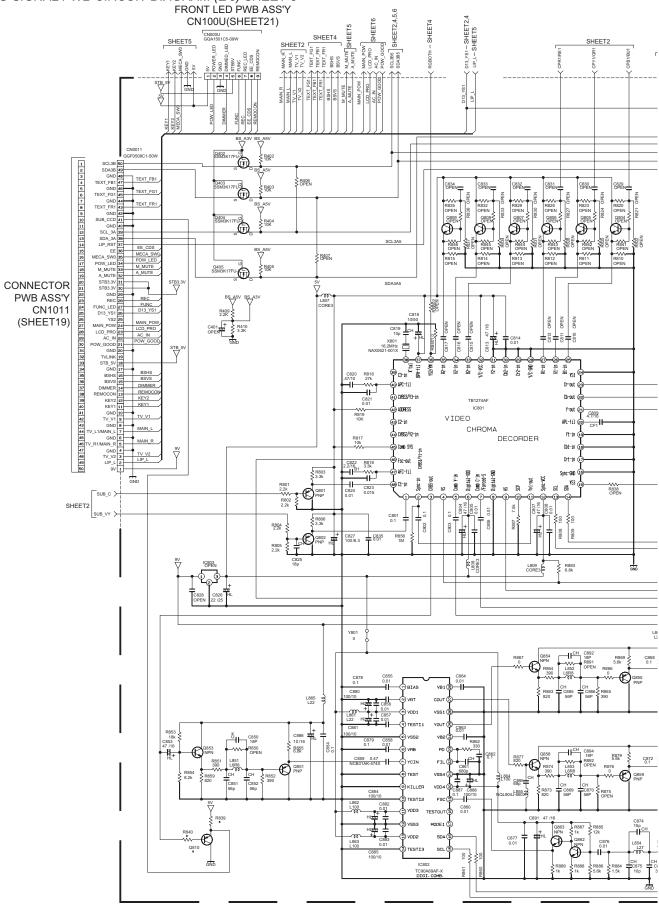


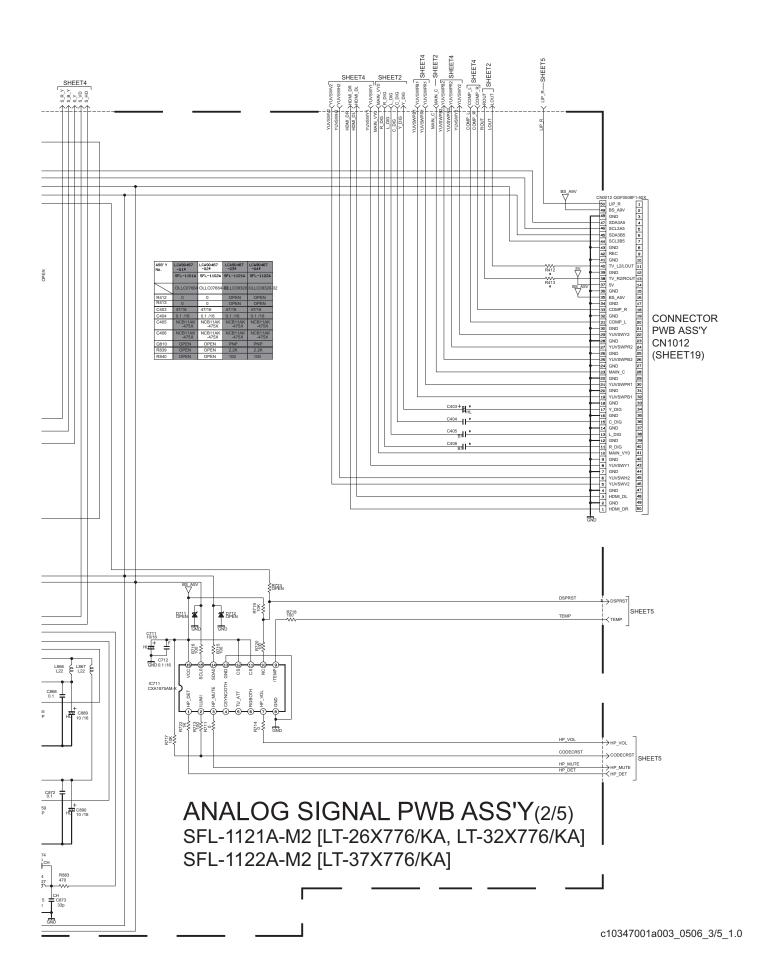


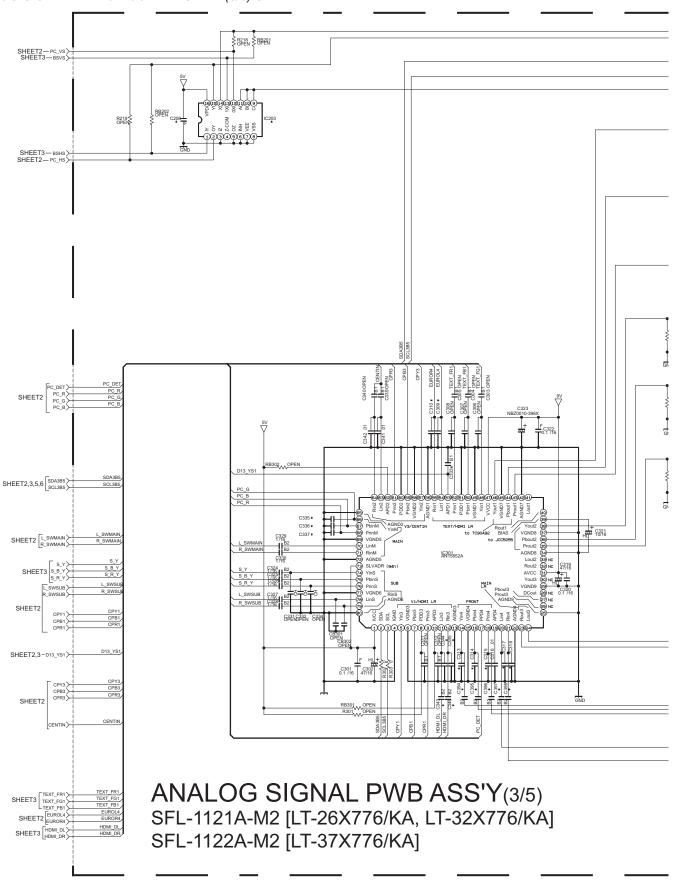


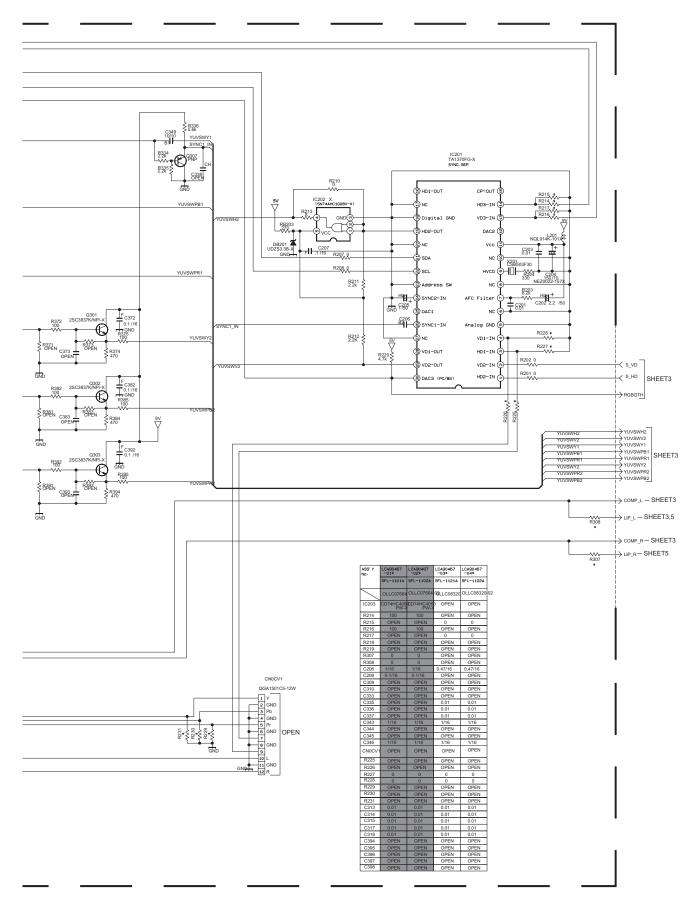
SS' Y	LCA90467 -01*	LCA90467 -02*	LCA90467 -03#	LCA90467 -04*
	SFL-1101A	SFL-1102A	SFL-1121A	SFL-1122A
$\overline{}$	OLLC07664	OLLC07664-	0ØLLC08320	OLLC08320
IC502	MM1510XN-			IOLLC08320 MM1510XN MM1510XN MM1510XN
IC502	MM1510XN-	MM1510XN- MM1510XN- MM1510XN-	MM1510XN- MM1510XN- MM1510XN-	MM151UXN
IC503 IC504 Q507 Q508 Q509 R509	MM1510XN- MM1510XN-	MAMASSON N	MAM1510XN-	MM1510XN
O507	PNP	PNP	PNP	PNP
0508	DND	DND	PNP	PNP
Q500 O500	PNP	PNP	PNP	PNP
R500	6.8k	6.8k	6.8k	6.8k
R510	0.00	0	0.04	0.00
R511	6.8k	6.8k	6.8k	6.8k
R512	0.00	0	0	0
R532	0	0	0	0
R533	0	0	0	0
R535	1k	1k	OPEN	OPEN
R536	0	0	OPEN	OPEN
R537	1k	1k	OPEN	OPEN
R536 R537 R538	1k	1k	6.8K	6.8K
R540	1k	1k	6.8K	6.8K
R573	2.2K		2.2K	2.2K
R574	2.2K	2.2K 2.2K	2.2K	2.2K
R575	5.6K	5.6K	5.6K	5.6K
R575 R576	2.2K	2.2K	2.2K	2.2K
R577	2.2K	2.2K 2.2K	2.2K	2.2K
R578	5.6K	5.6K	5.6K	5.6K
R579			2.2K	2.2K
R580	2.2K 2.2K	2.2K 2.2K	2.2K	2.2K
R581	5.6K	5.6K	5.6K	5.6K
P582	0.010	0.010	OPEN	OPEN
R581 R582 R583	0	0	OPEN	OPEN
DEGA	0	0	OPEN	OPEN
R584 C504		10/50	OPEN	OPEN
C504 C515	10/50	1/10	1/16	1/16
CE10	1/16 10/16	1/16 10/16	1/16 10/16	10/16
C516 C518 C519 C520 C521 C522	10040	10010	100/10	100/10
C510	100/10 10/16	100/10 10/16	100/10	100/10
U519	10/16	10/16	10/16	
U520	1/16	1/16	1/16	1/16
C521	10/16	10/16	100/10	100/10
U522	100/10	100/10	100/10	100/10
C523 C524 C525	10/16	10/16	10/16	10/16
U524			1/16	
U525	10/16	10/16	10/16	10/16
C526	100/10	100/10	100/10	100/10
C527	10/16	10/16 ODEN		10/16
C526 C527 CB506	OPEN		OPEN	OPEN
CB507 CB508	OPEN	OPEN	OPEN	OPEN
CB508	OPEN	OPEN	OPEN	OPEN
J2002	QNZ0693-00	QNZ0693-00	1 OPEN	OPEN
12007	QNZ0561-00	QNZ0561-00	1 OPEN	OPEN
J2008	QNZ0726-00 QNN0652-00	DNZ0726-00 ΦNN0652-00	QNZ0726-00 QNN0652-00	QNZ0726-0
J2009	QNN0652-00	QNN0652-00		
J2011 D2003 D2009	OPEN	OPEN *4	OPEN	OPEN
D2003	*1	*1	OPEN	OPEN
D2009	*1	*1	OPEN	OPEN
D2053	*1	*1	*1	*1
D2054	*1	*1	"1	*1
D2201	*1	4	OPEN	OPEN
D2202	*1	*1	OPEN	OPEN
D2203	*1	*1	OPEN	OPEN
D2204 R2051	*1	*1	OPEN	OPEN
R2051	75	75	75	75
R2052	2.2K	2.2K	2.2K	2.2K
R2053	2.2K	2.2K	2.2K	2.2K
R2052 R2053 R2056	22K	22K	22K	22K
R2057 R2058	22K	22K	22K	22K
R2058	4.7K	4.7K	OPEN	OPEN
R2059	68	68	68	68
P2NRN	68	68	68	68
R2202	75		OPEN	OPEN
R2203	75	75 75	OPEN	OPEN
R2204	75	75	OPEN	OPEN
R2204 R2205 R2241	1K	1K	OPEN	OPEN
R2241	75	75	OPEN	OPEN
R2242 R2243 R2245	75	75	OPEN	OPEN
R2243	75	75	OPEN	OPEN
P2245	330	330	OPEN	OPEN
P2246	330	330	OPEN	OPEN
C2002	1/16	1/16	0	0
C2003	1/16	1/16	0	0
R2246 C2003 C2009 C2201 C2202 C2203	1/10	1/16	OPEN	OPEN
02201	1/16	1/16	OPEN	OPEN
UZ202	1/16 1/16	1/16 1/16	OPEN OPEN	OPEN
U2203				
	2.2/16	2.2/16	2.2/16	2.2/16
UZZ13	2.2/16	2.2/16	2.2/16	2.2/16
C2213			OPEN	OPEN
C2214 C2241	1/16			
C2214 C2241 C2242	1/16 1/16	1/16	OPEN	OPEN
C2213 C2214 C2241 C2242 C2242	1/16 1/16 1/16	1/16	OPEN OPEN	OPEN
C2213 C2214 C2241 C2242 C2243 L501	1/16 1/16	1/16	OPEN	OPEN OPEN

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 3









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ANALOG SIGNAL PWB CIRCUIT DIAGRAM (4/5) SHEET 5 R6201 5.6K C6202 33/25 SPEN GND SHEET4 - LIP_R > LIP C6505 4.7 /25 R652 + 2.2K 2,6521 HIII + R6306 餾 R6522 Q6521 LEVEL_SW CN00AC 10K 0 \$R6308\$R630 R6302 0 C6302 SHEET3 - LIP_L > GND ≹R6307 10K SHEET3 DSPRST > SHEET2,3,4,6 SCL385 12V 1 R6313 OPEN GND 2 R6314 OPEN GND 4 PSPRST 5 SCL 6 SDA 7 BS_A5V R6409 10K SHEET3 - TEMP← 886N 886N 886N 886N 886N ŠR9687 R6683 OPEN R6682 OPEN R6681 OPEN SHEET3 P668355-X ▼D6002 1SS355-X SHEET3 C6001 9 HP_DET 8 HP_R 7 HP_GND 5 5V 4 GND 3 NECA_SN 2 KEY2 980710 + HII ₹ \$25001 KSR92777M-3 FRONT CONTROL PWB ASS'Y CN100R (SHEET20) HL C6005

R6005

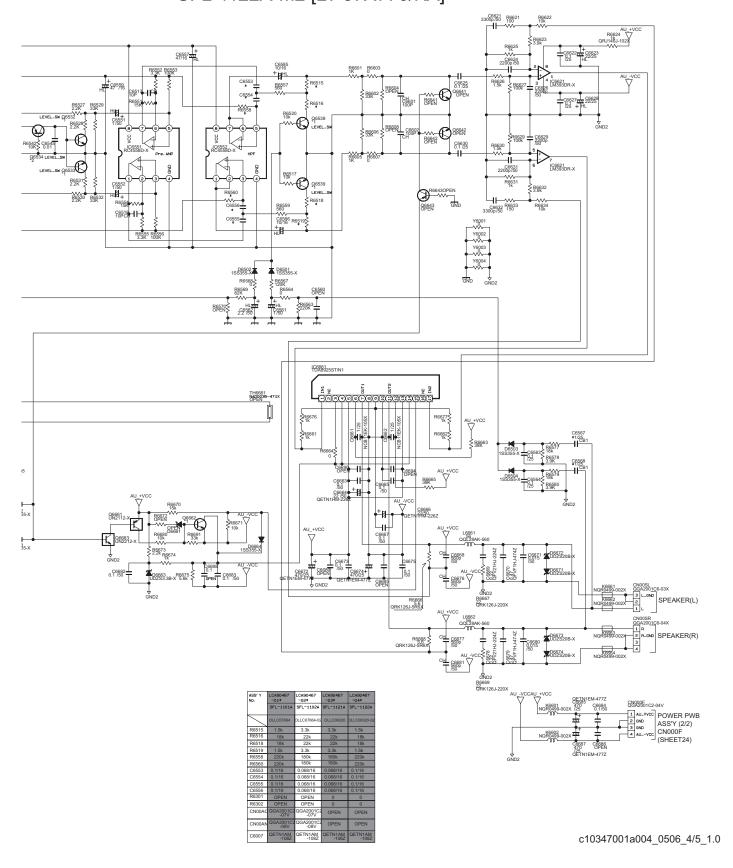
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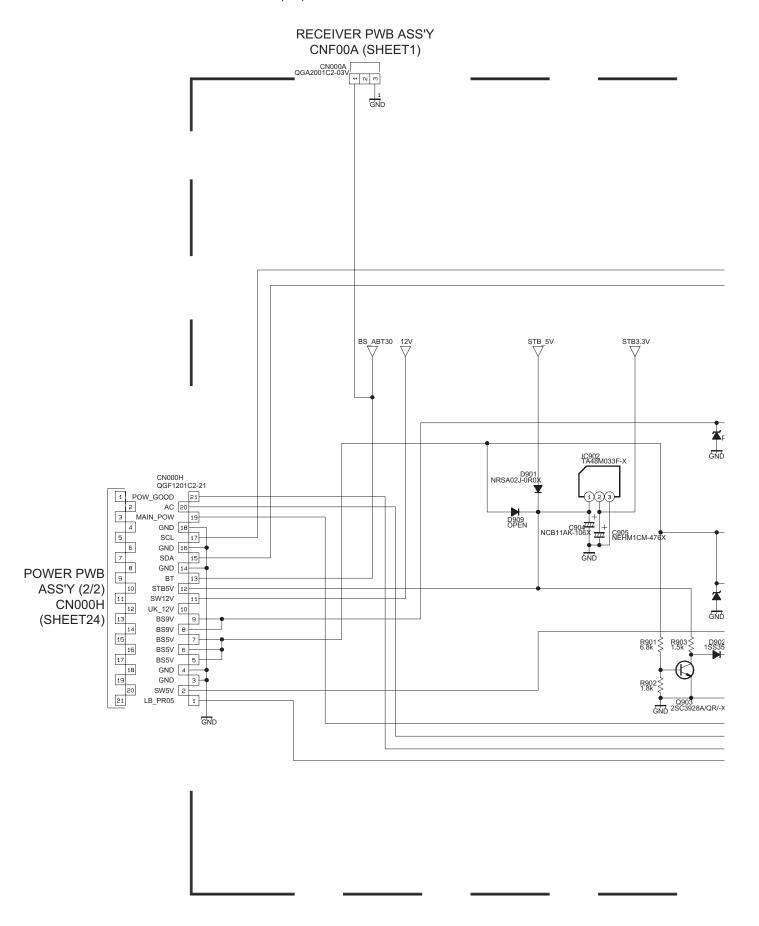
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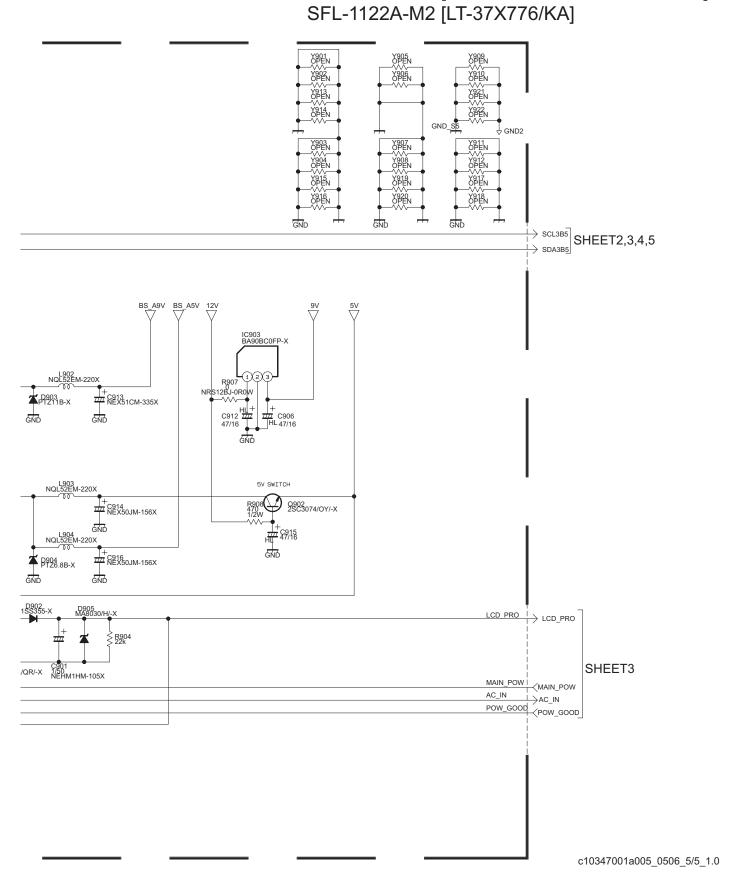
MECA_SW0 KEY2 KEY1

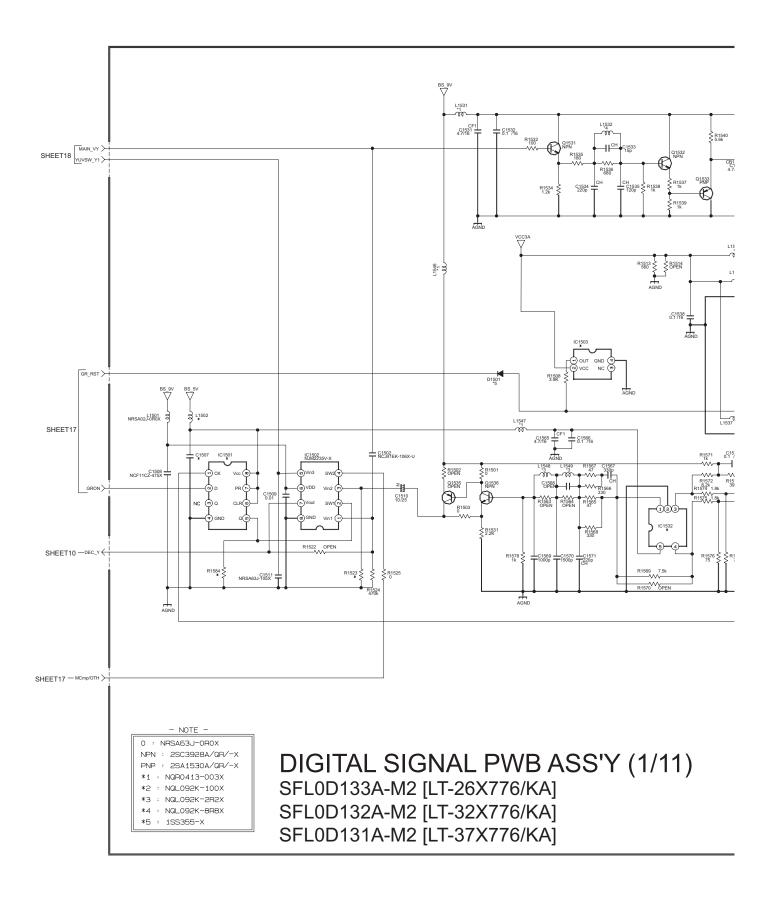
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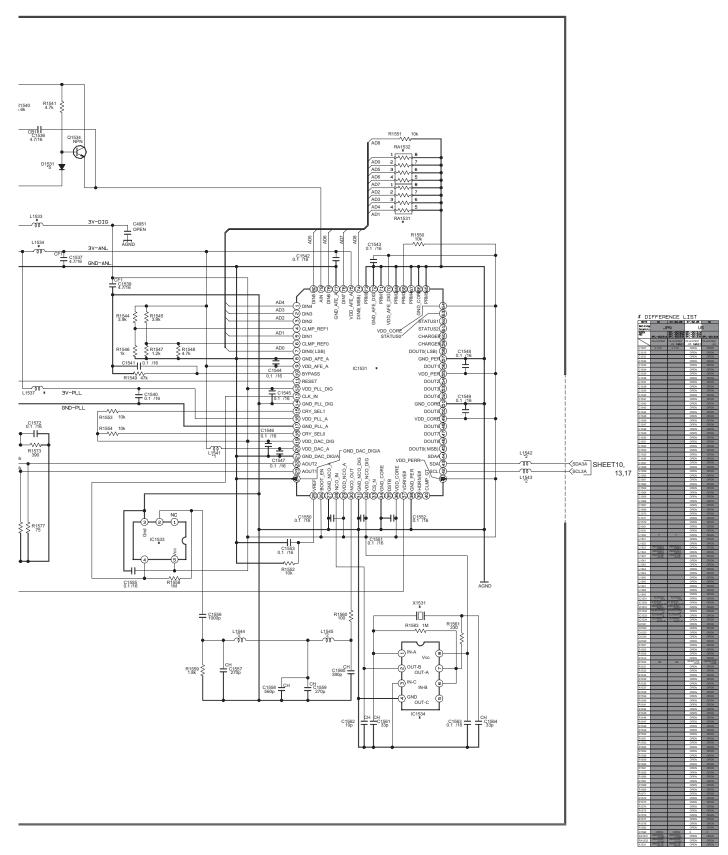




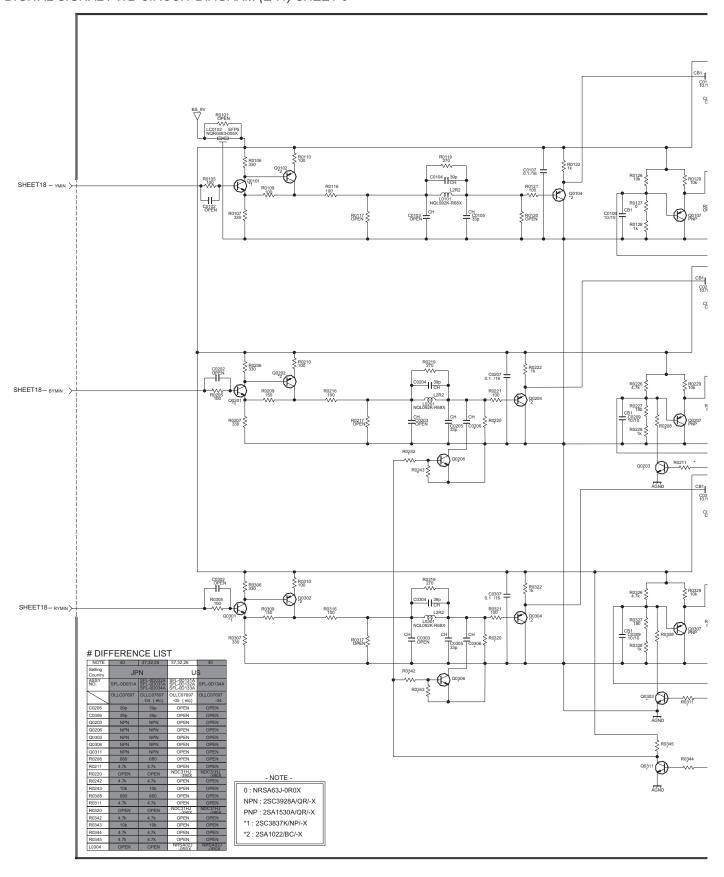
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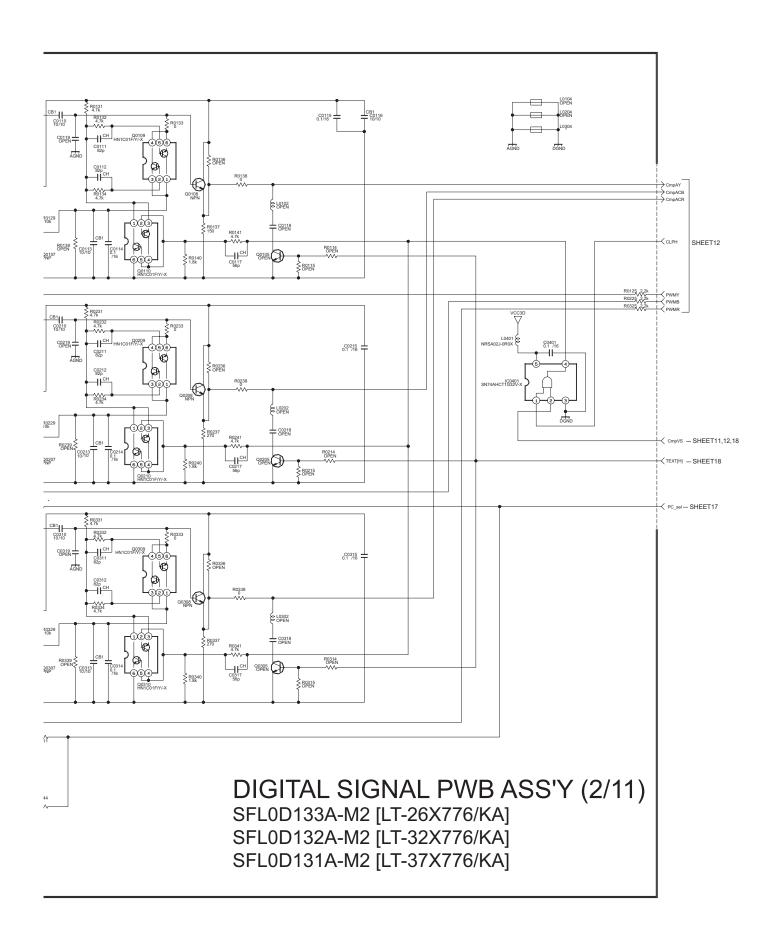


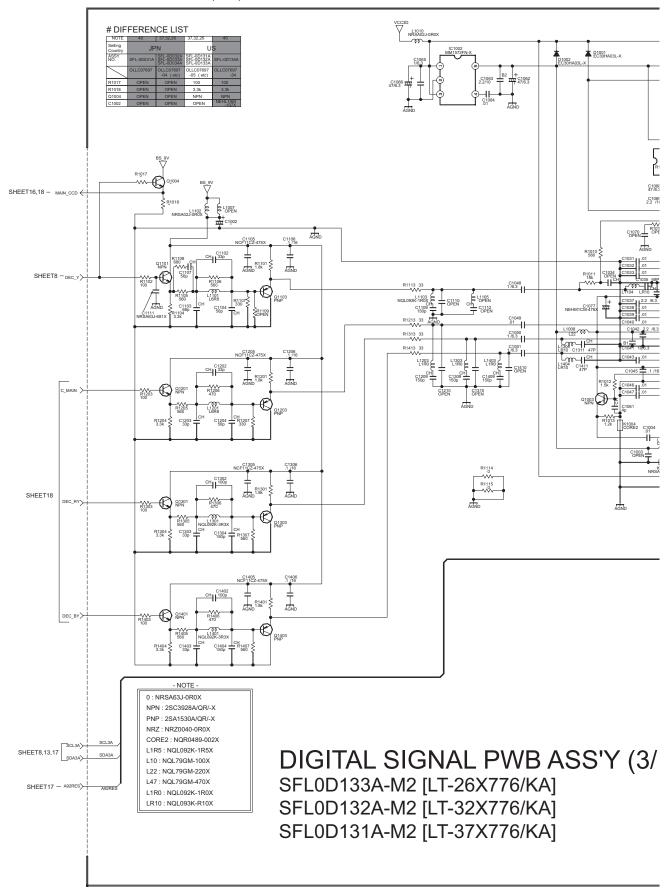


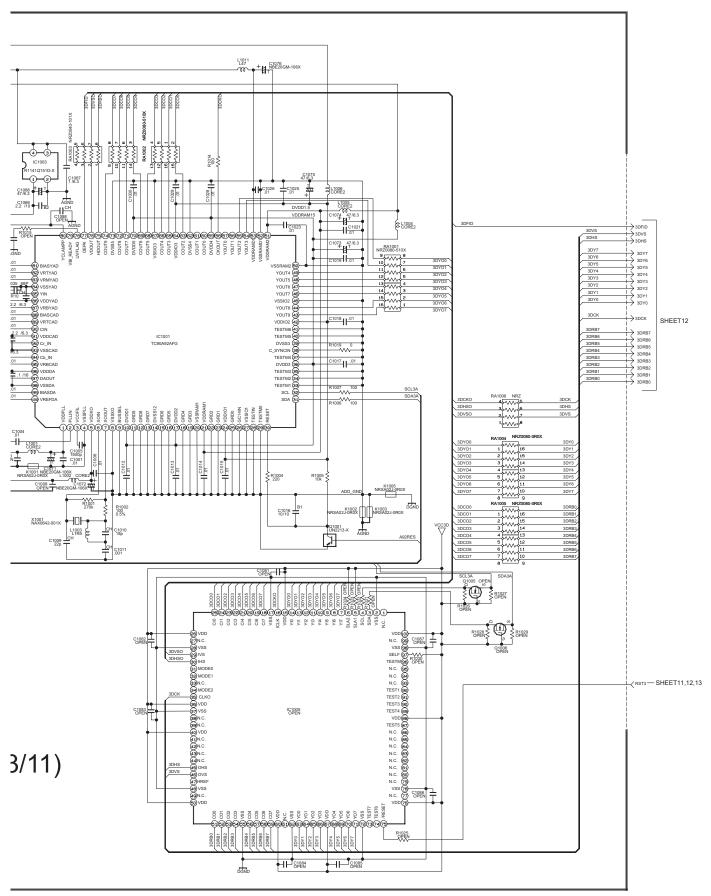


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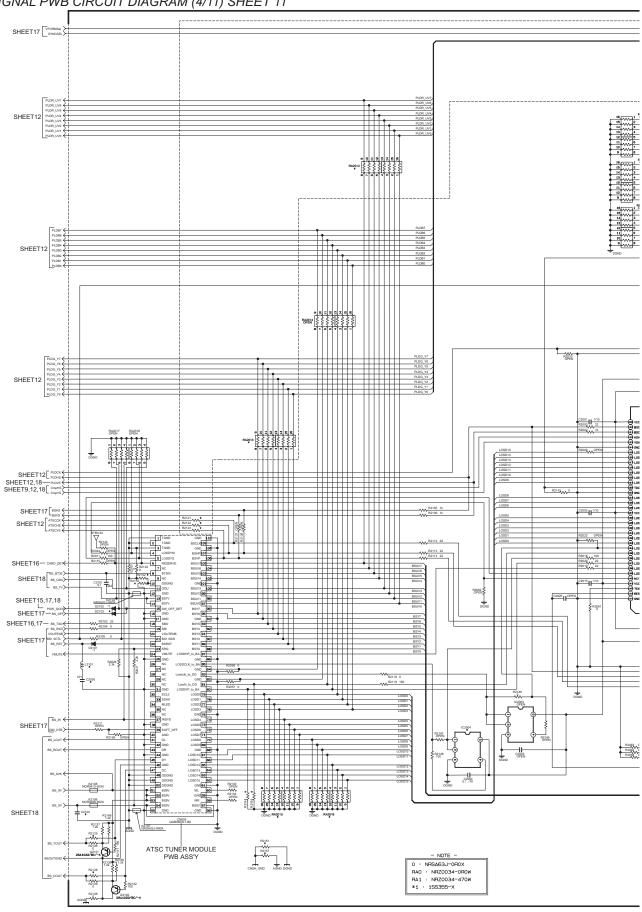


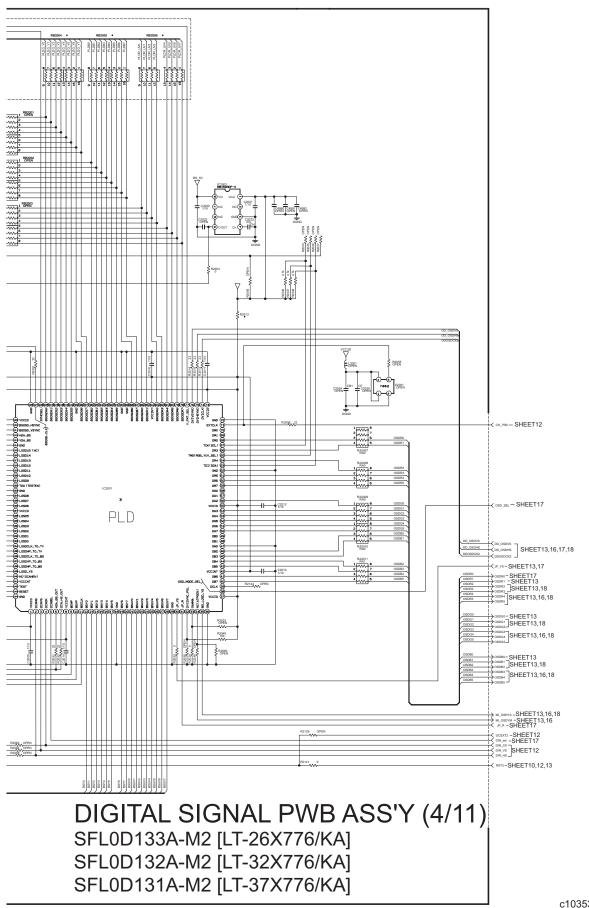






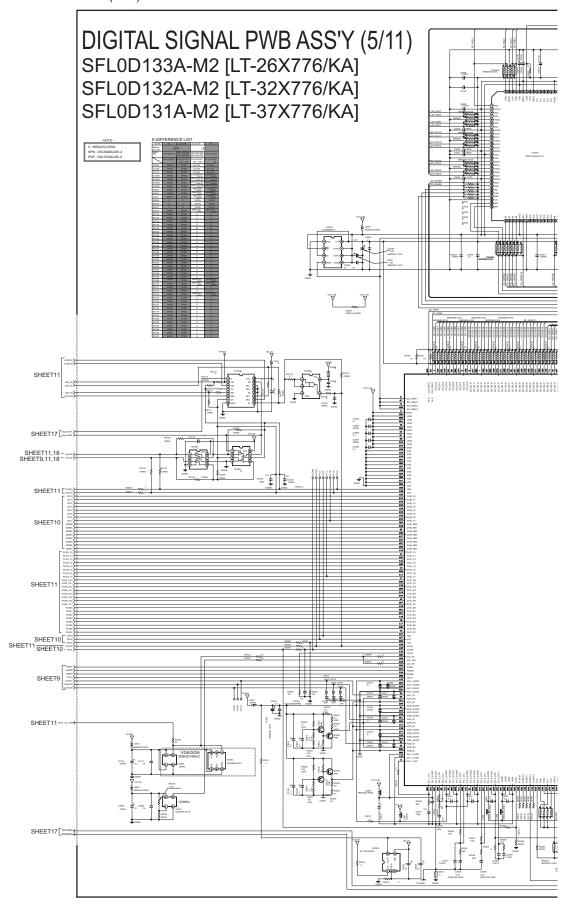
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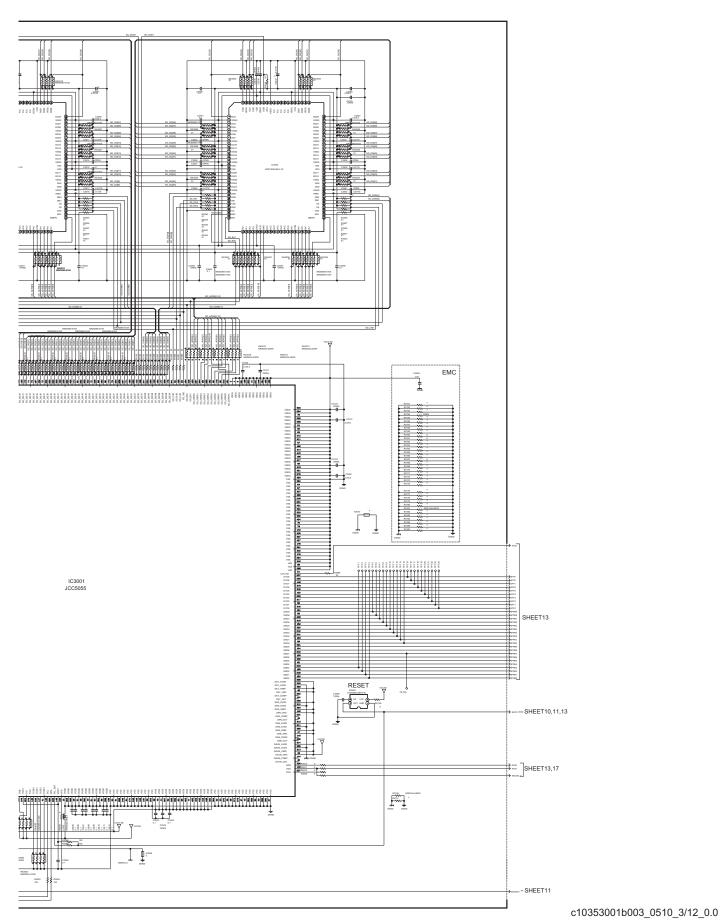


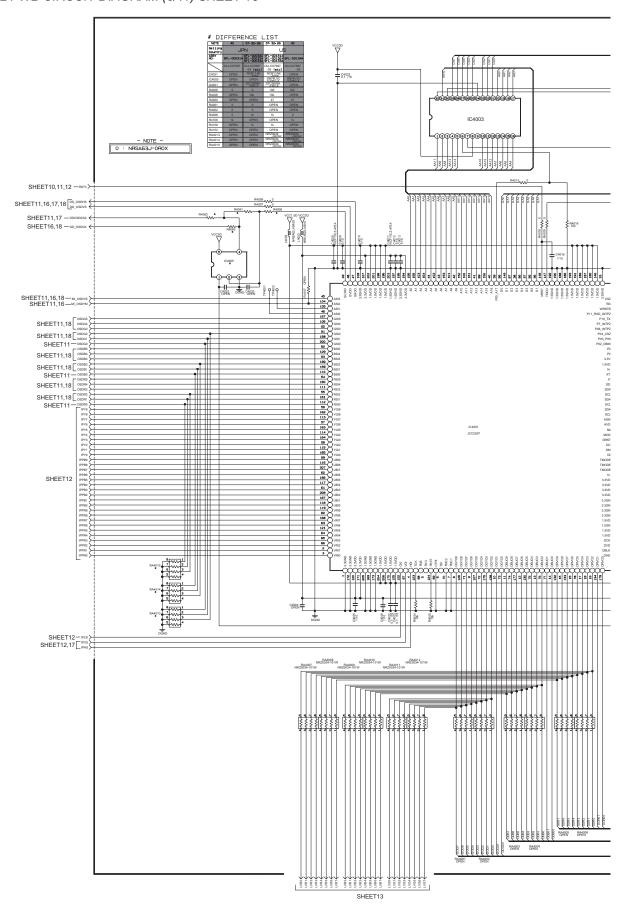


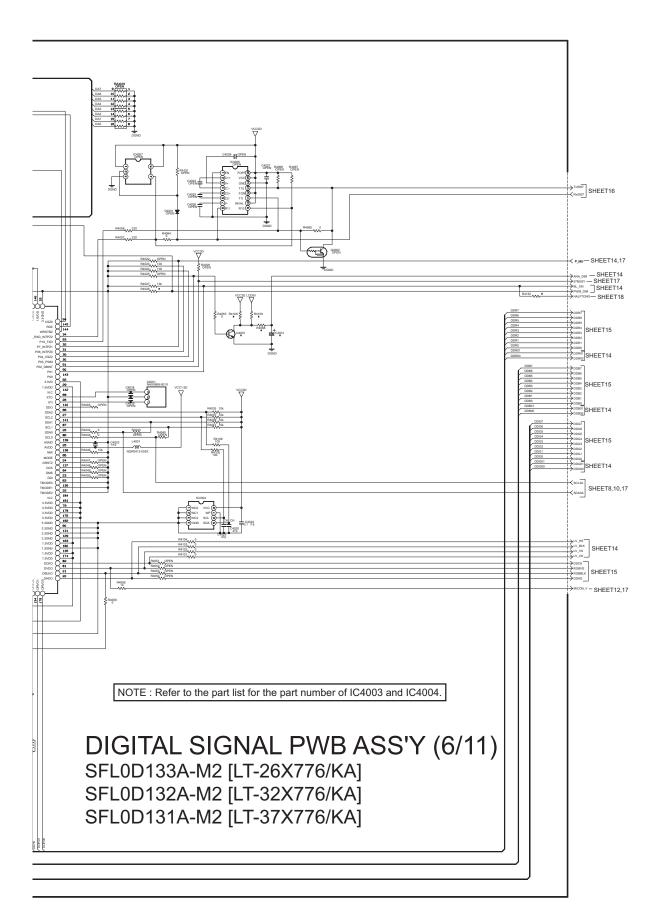
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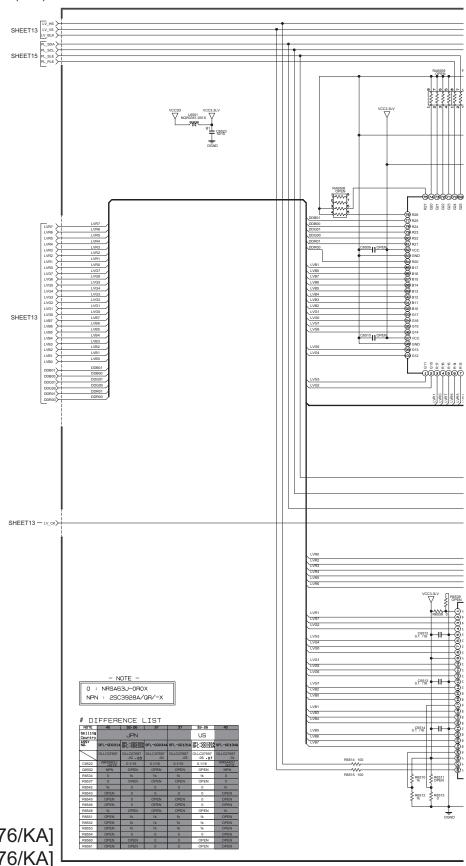
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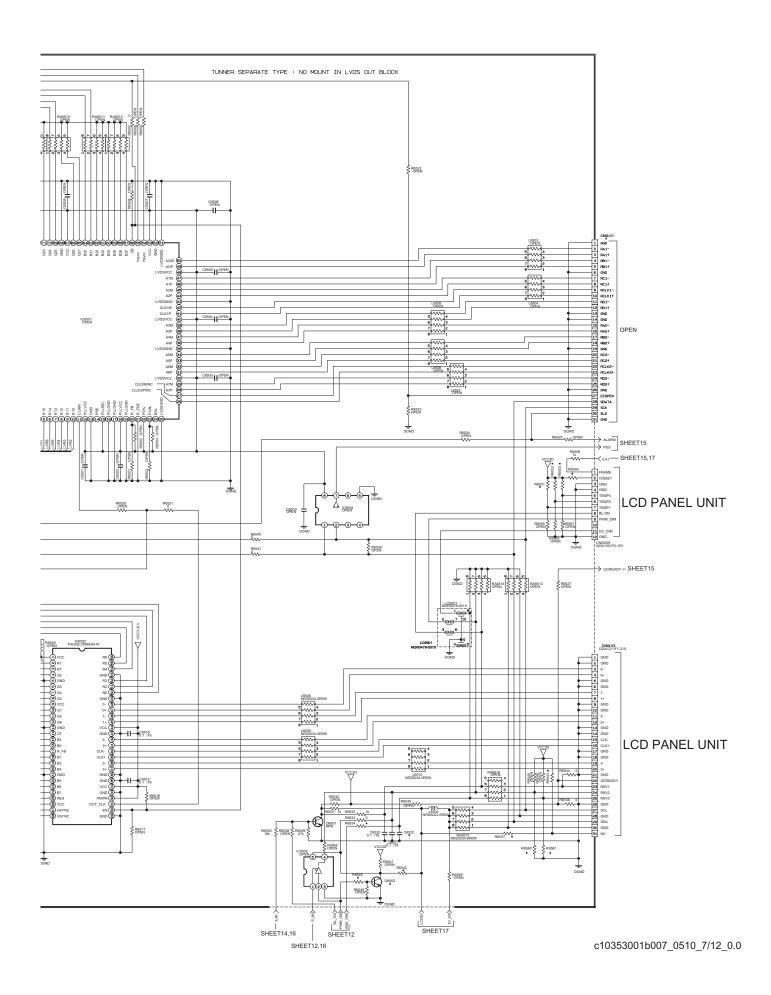


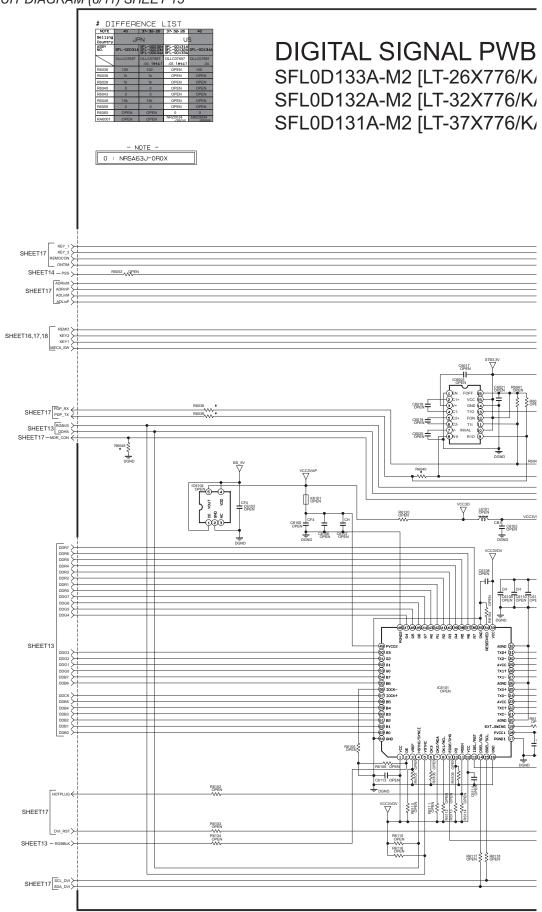


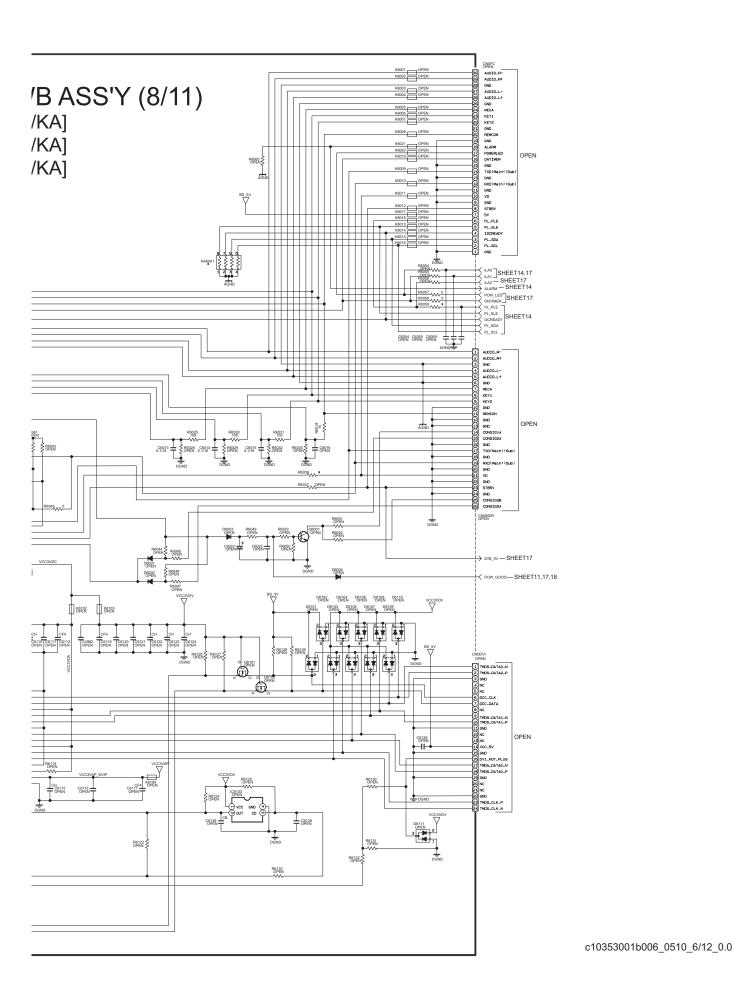


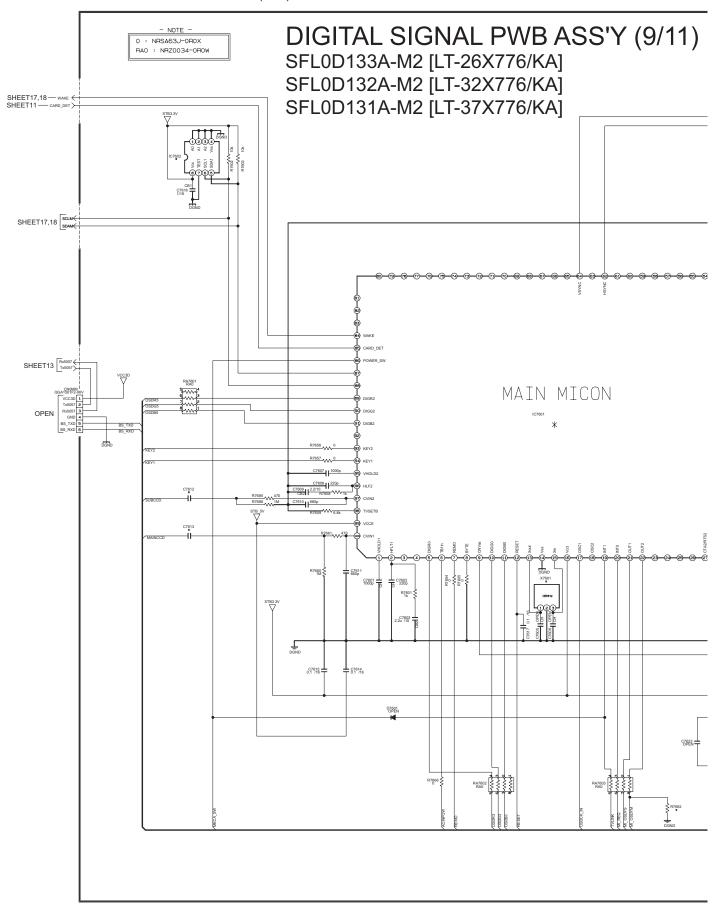
DIGITAL SIGNAL PWB ASS'Y (7/11)

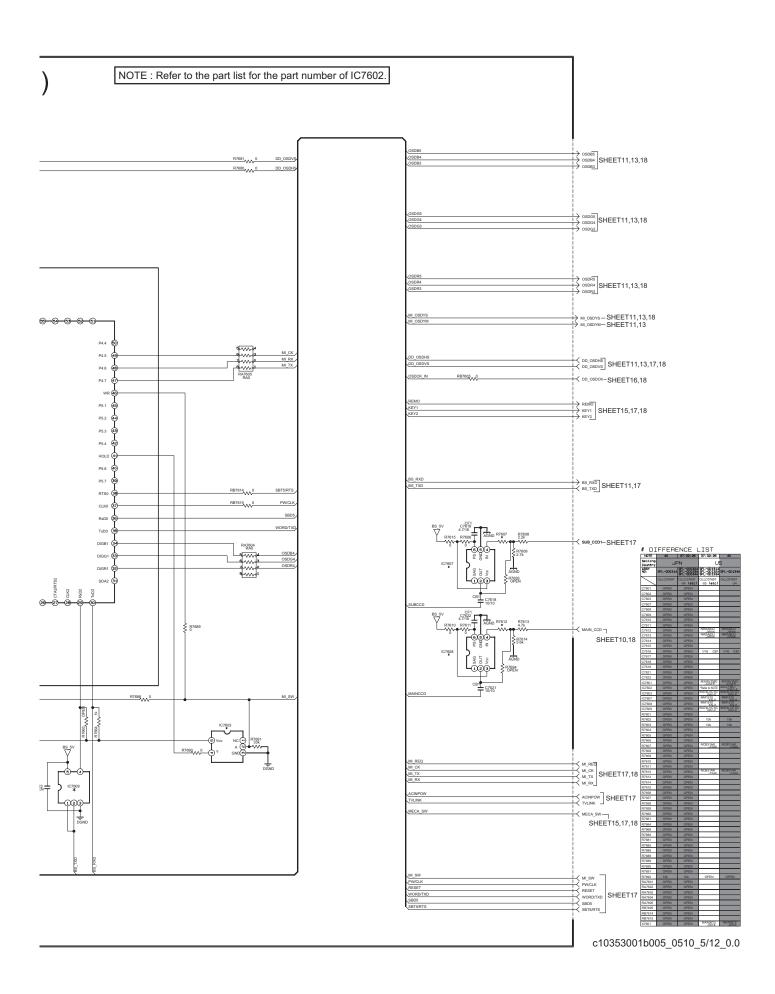
SFL0D133A-M2 [LT-26X776/KA] SFL0D132A-M2 [LT-32X776/KA] SFL0D131A-M2 [LT-37X776/KA]

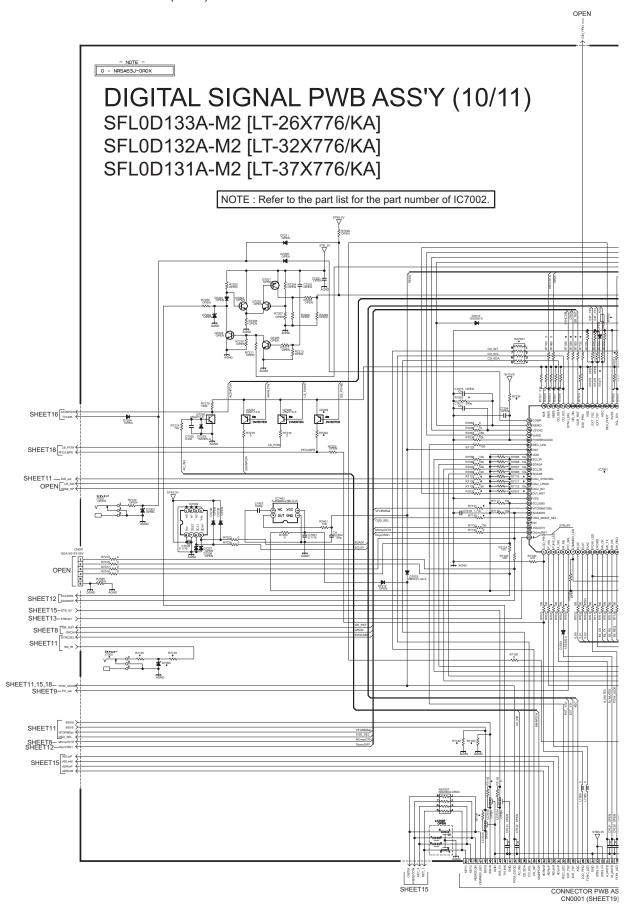


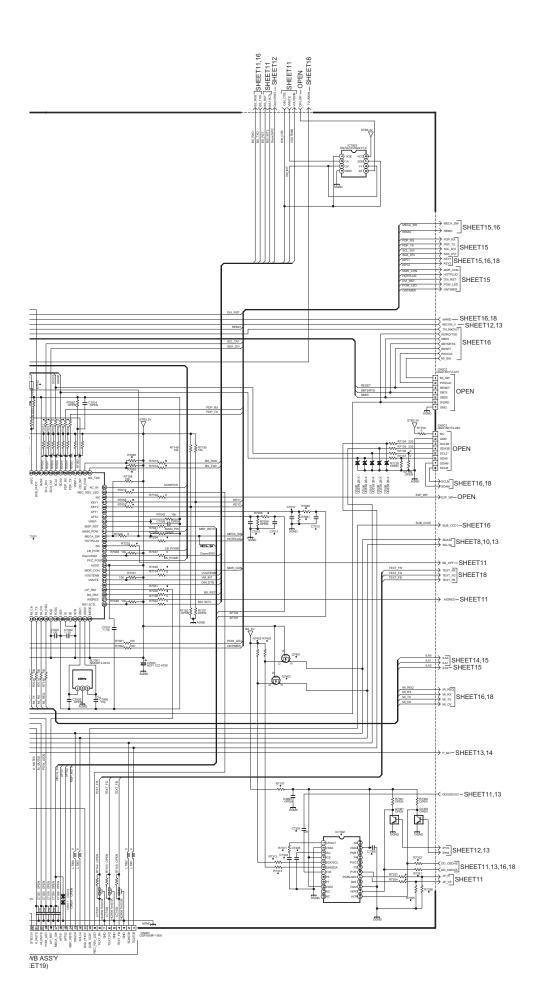






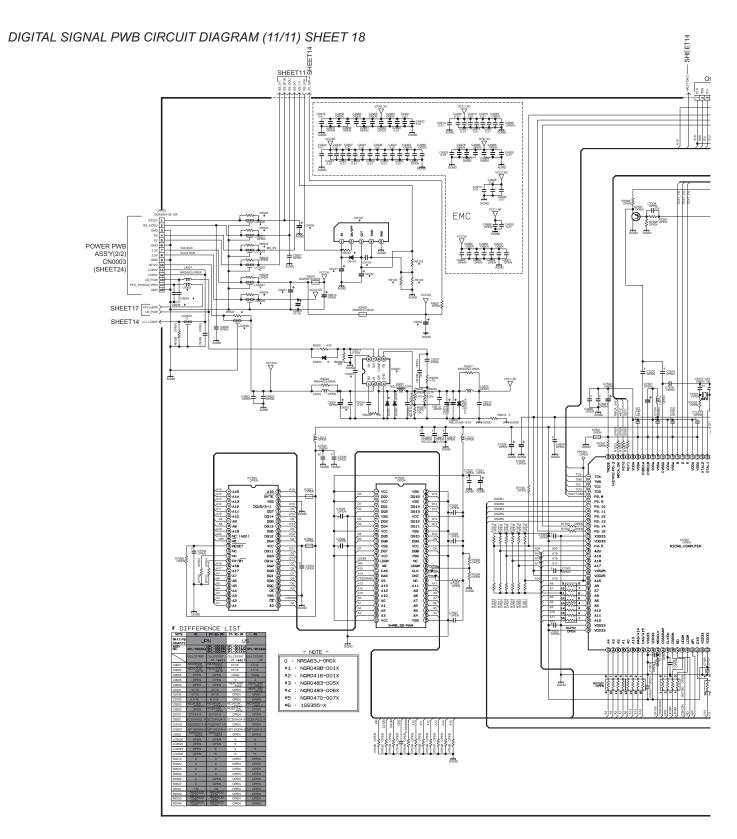






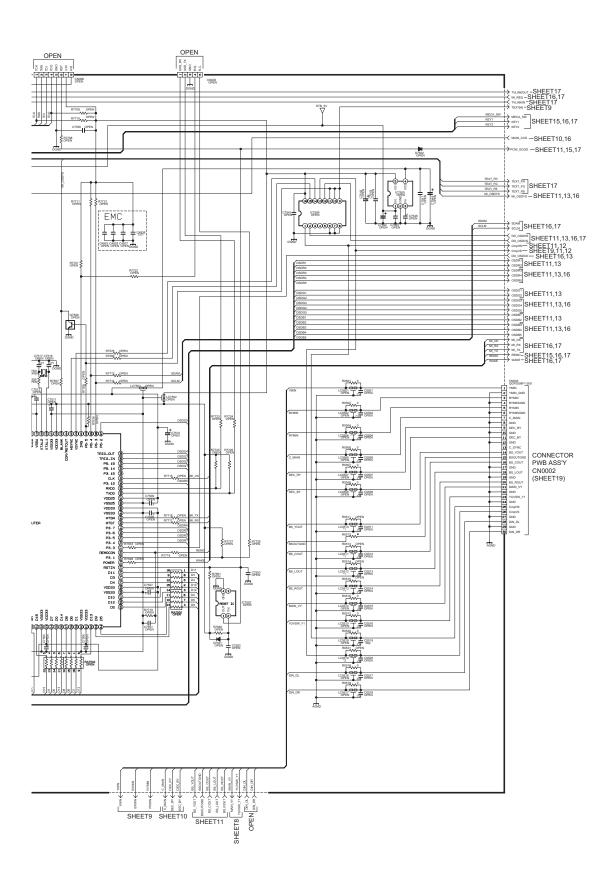


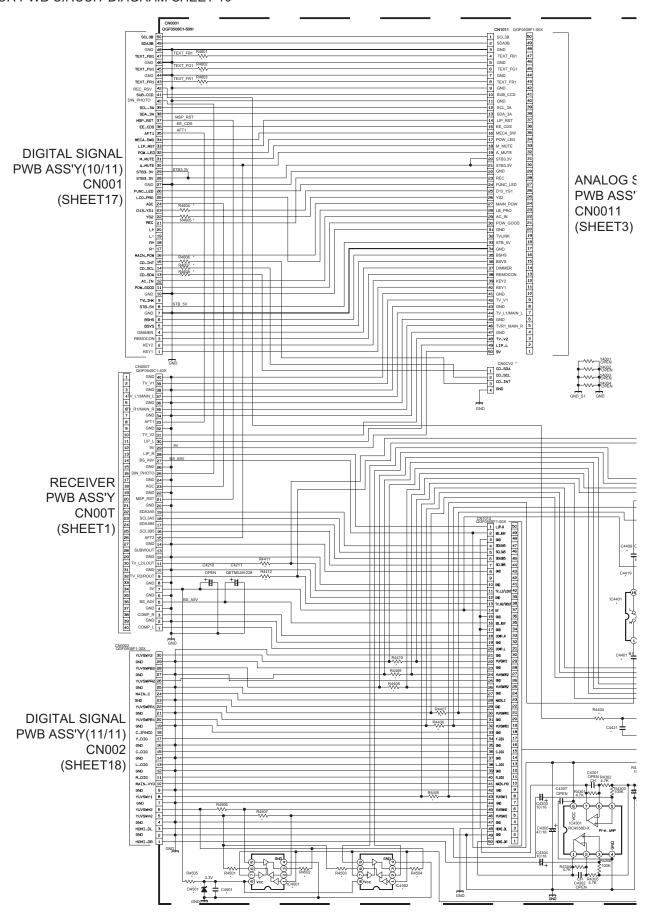
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DIGITAL SIGNAL PWB ASS'Y (11/11)

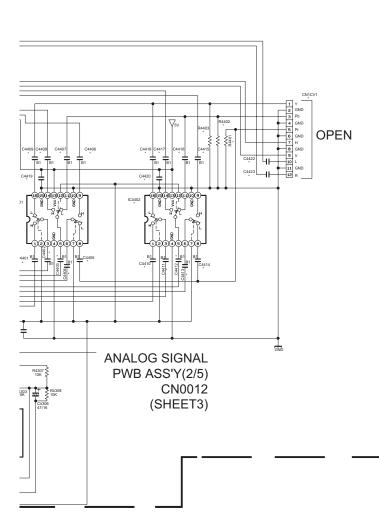
SFL0D133A-M2 [LT-26X776/KA] SFL0D132A-M2 [LT-32X776/KA] SFL0D131A-M2 [LT-37X776/KA]

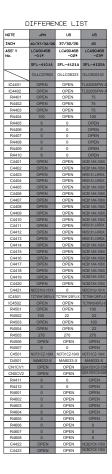




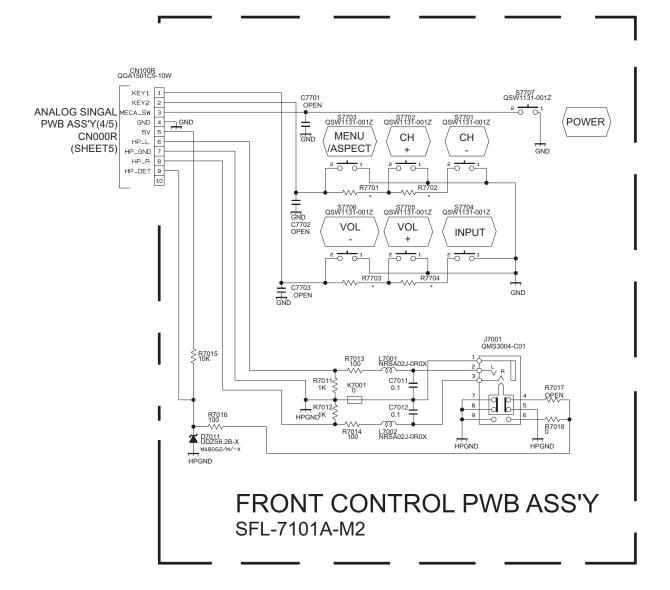
CONNECTOR PWB ASS'Y SFL-4121A-M2

G SIGNAL SS'Y(2/5) I [3)





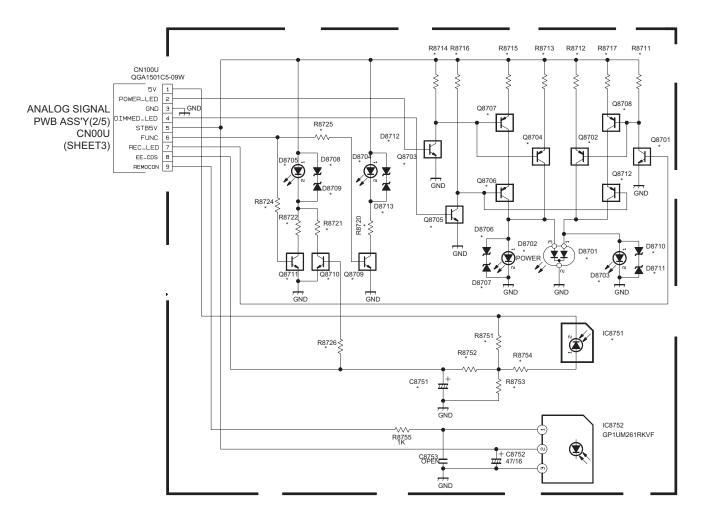
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DIFFERENCE LIST

ASS' Y	LCA90469
No.	-01*
	SFL-7101A
	OLLC07662
	OLLC07002
R7701	5.6K
R7702	15K
R7703	5.6K
R7704	15K

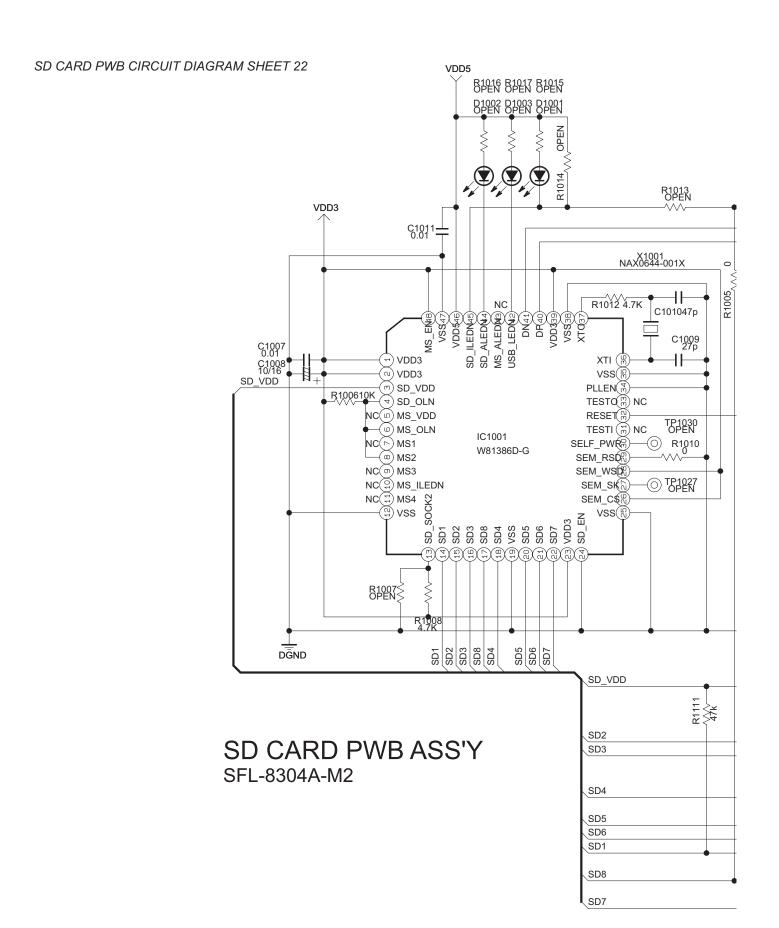
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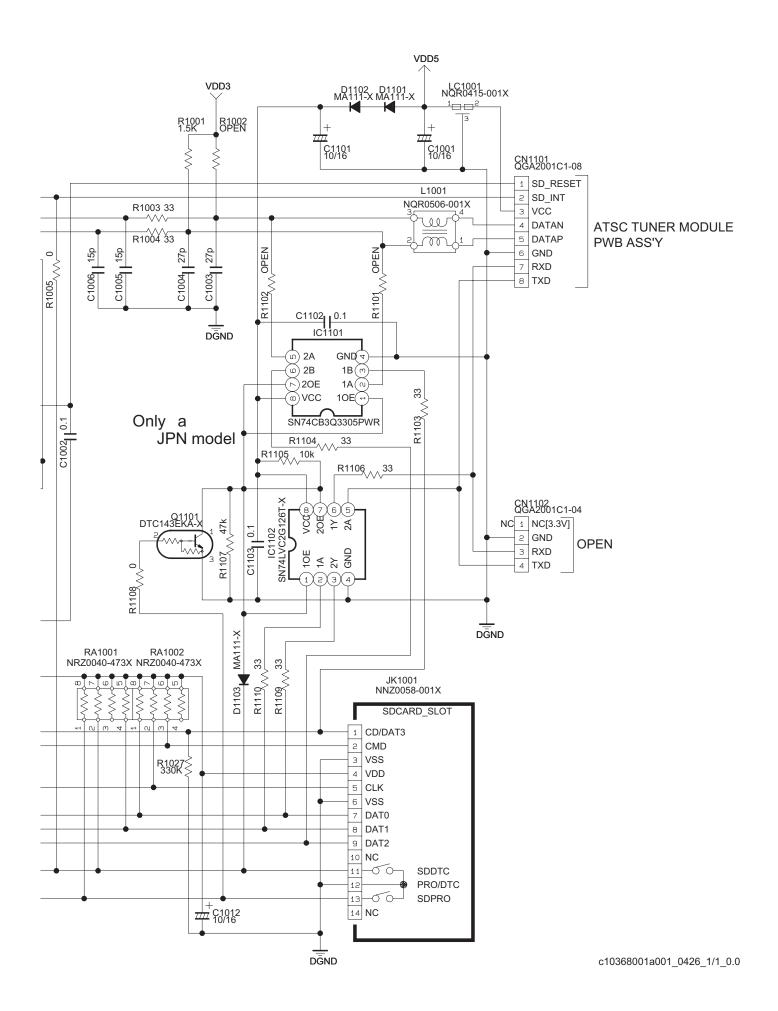


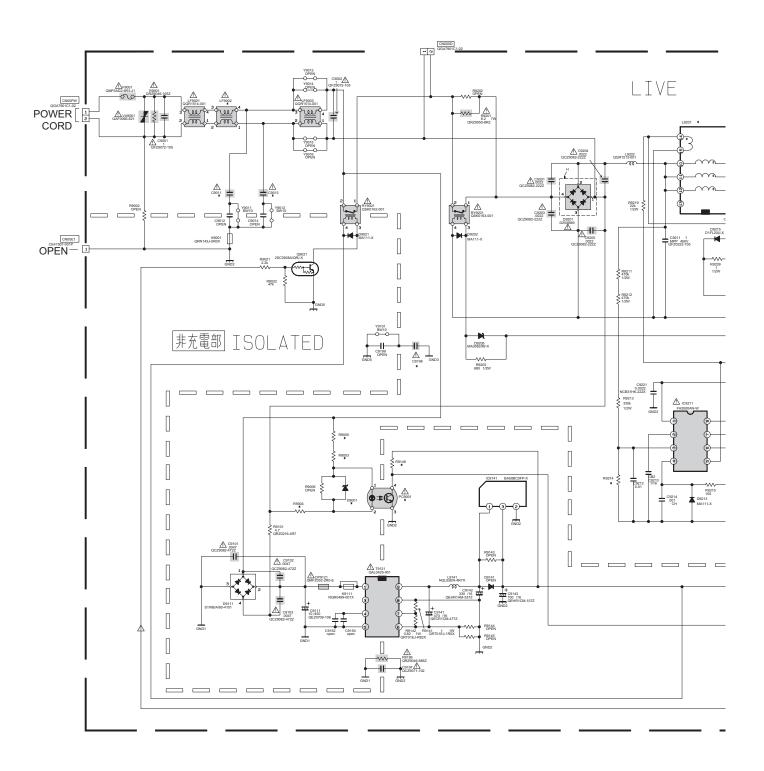
FRONT LED PWB ASS'Y SFL-8123A-M2



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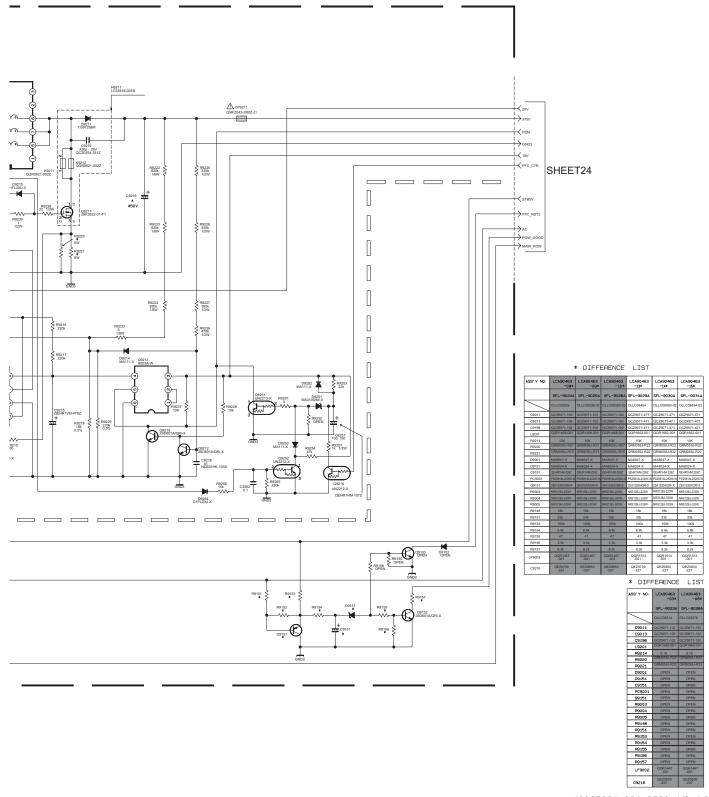




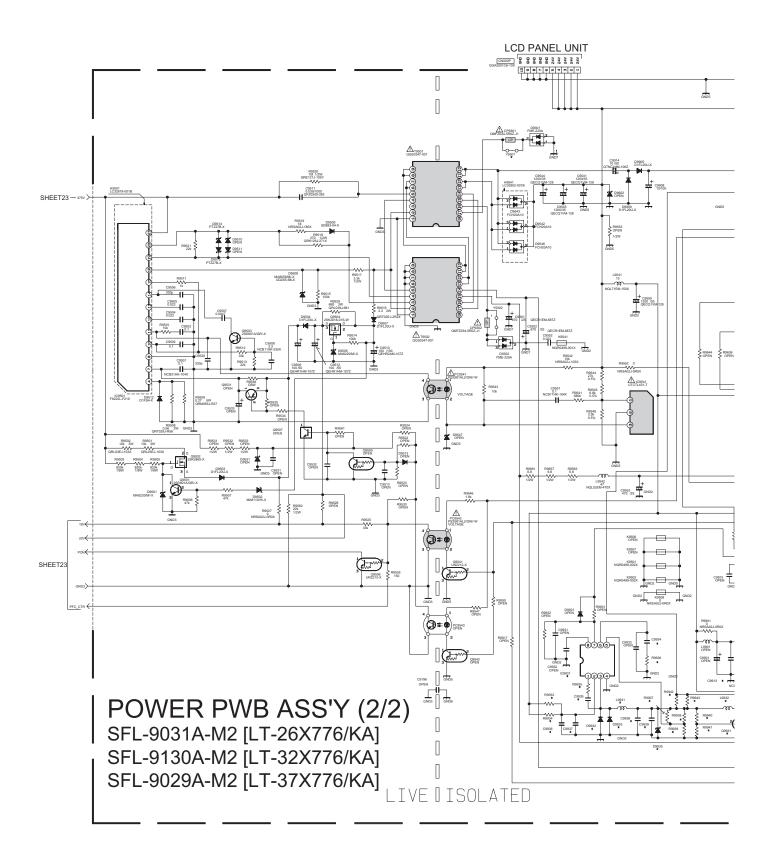


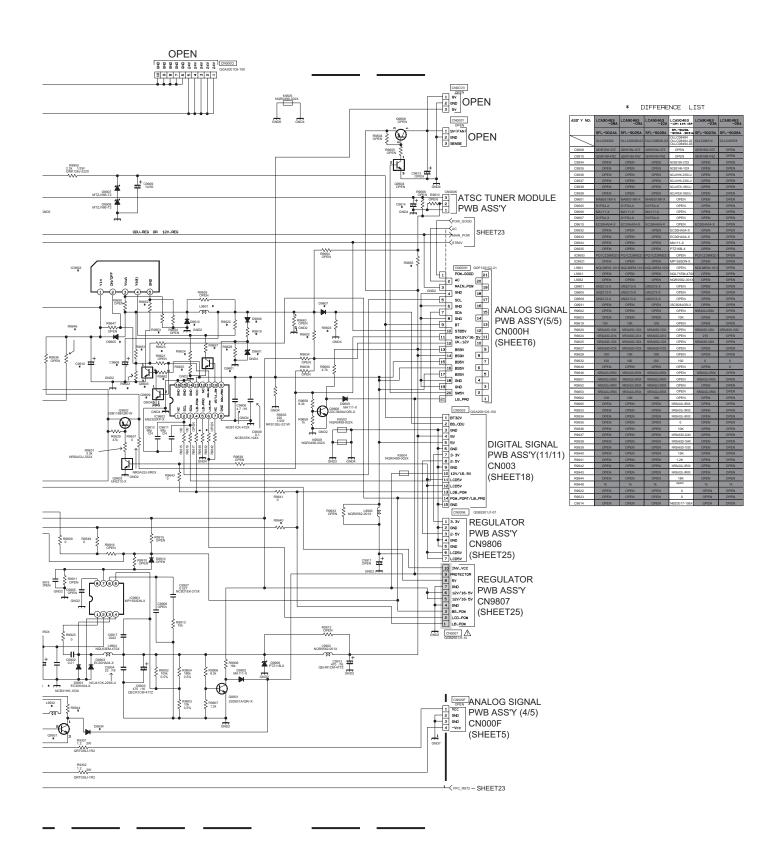
POWER PWB ASS'Y (1/2)

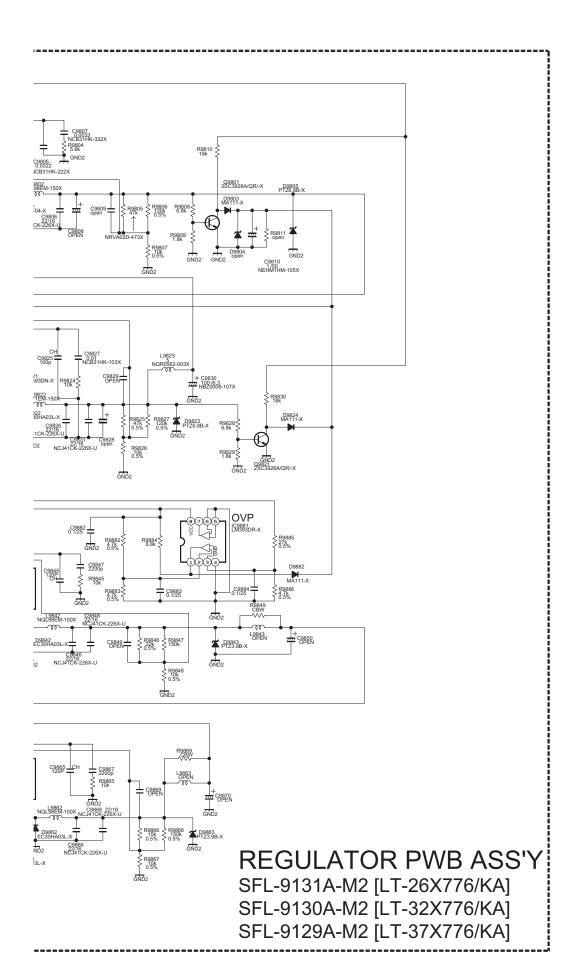
SFL-9031A-M2 [LT-26X776/KA] SFL-9130A-M2 [LT-32X776/KA] SFL-9029A-M2 [LT-37X776/KA]



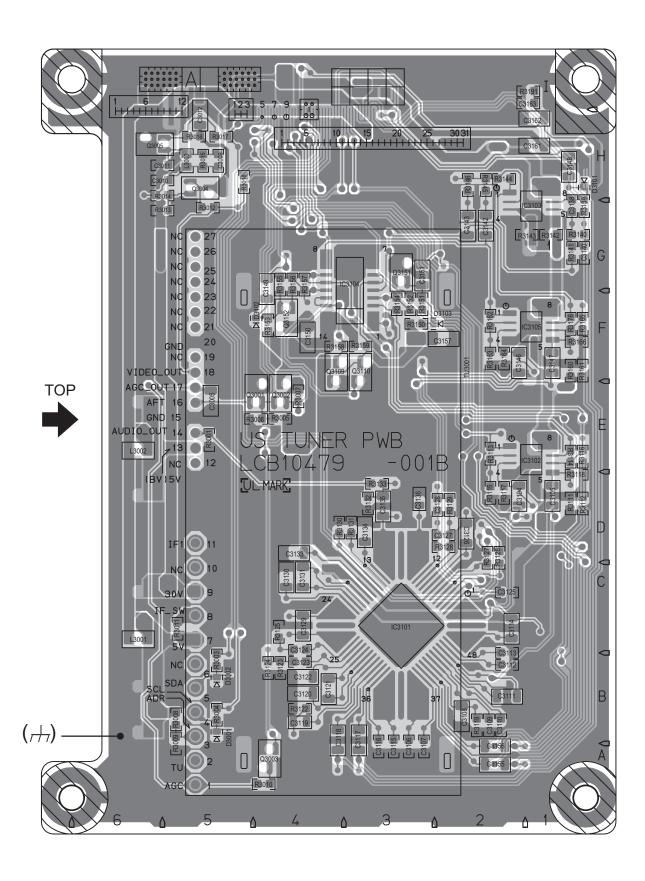
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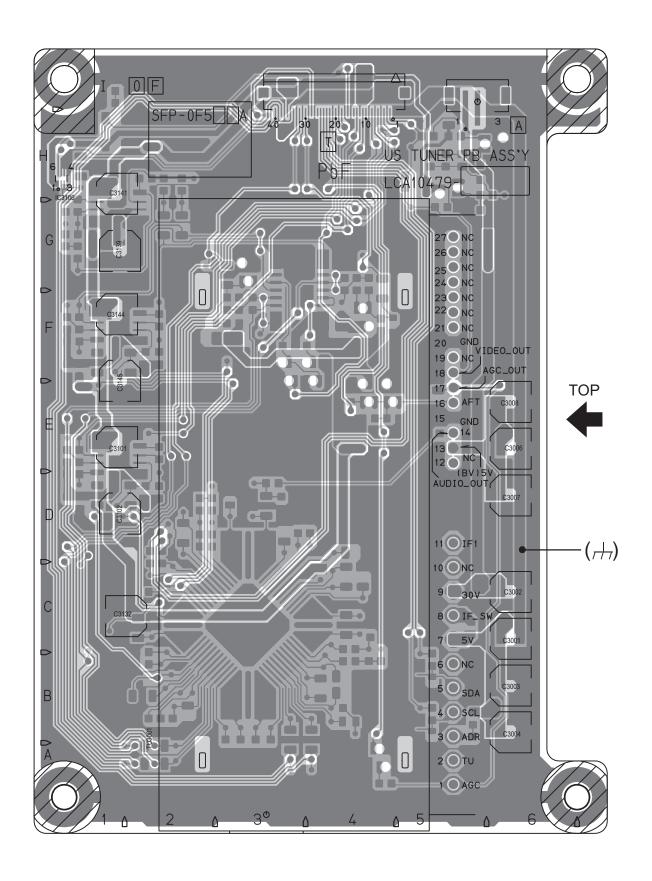


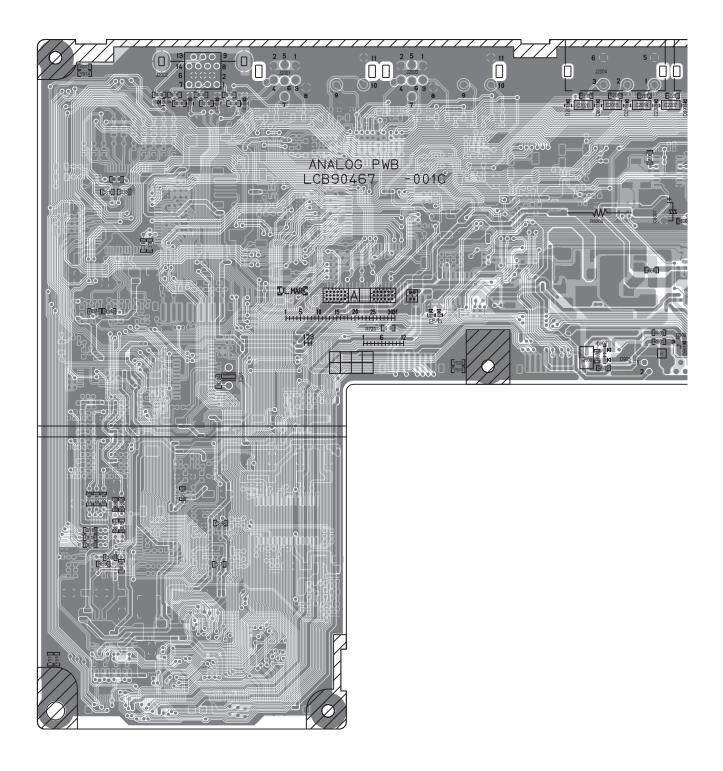


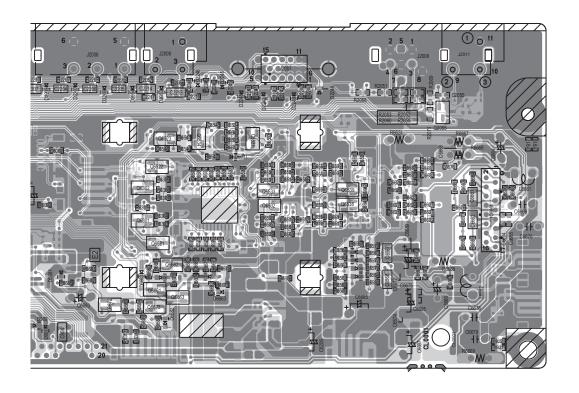


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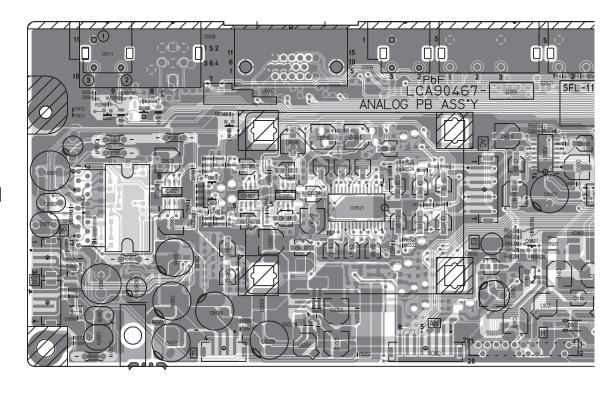




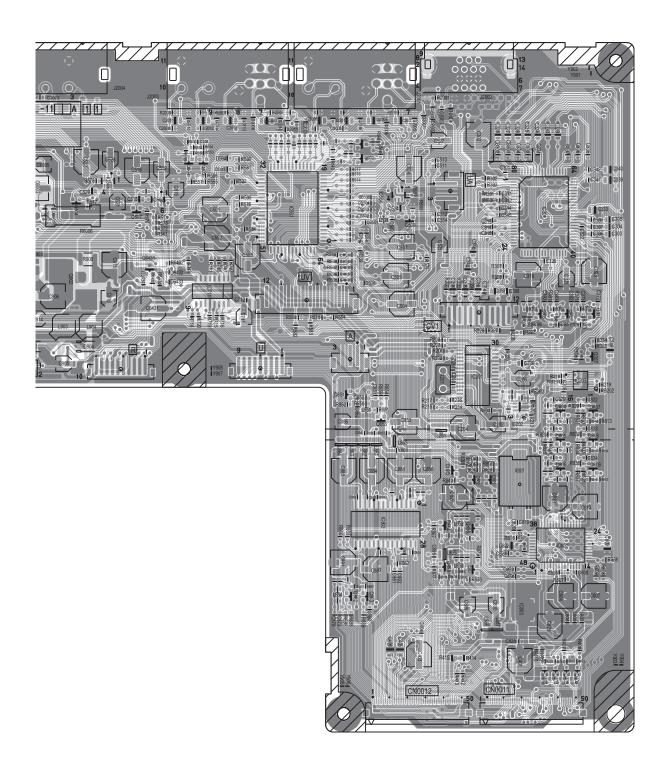


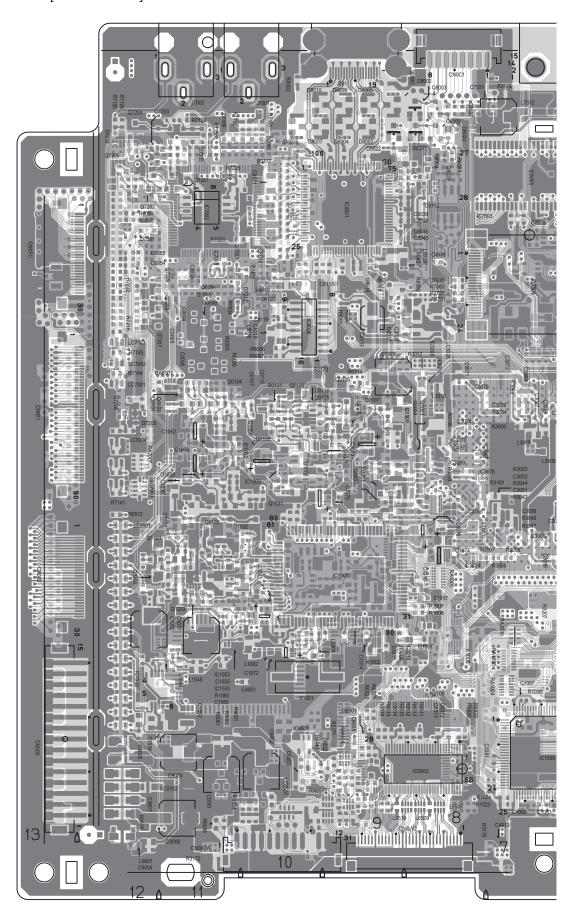


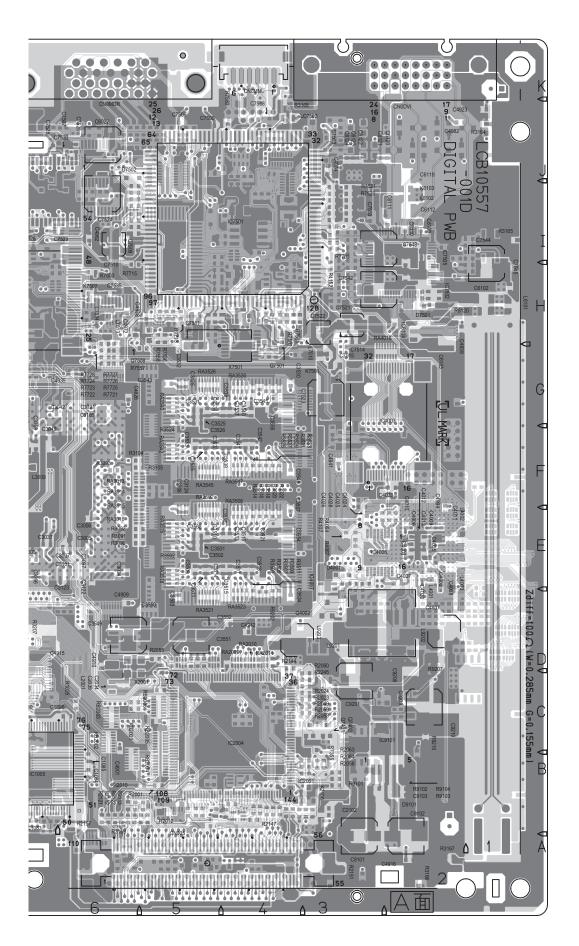




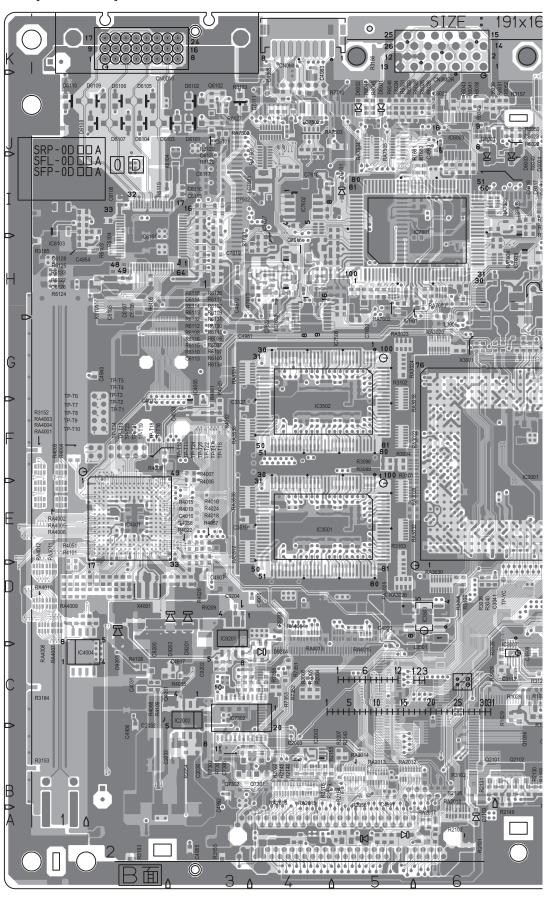




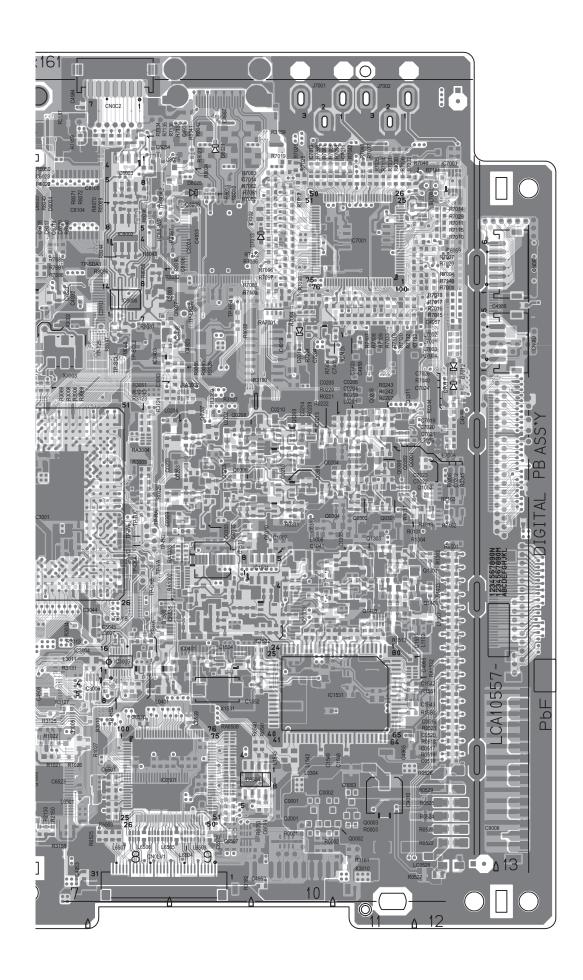


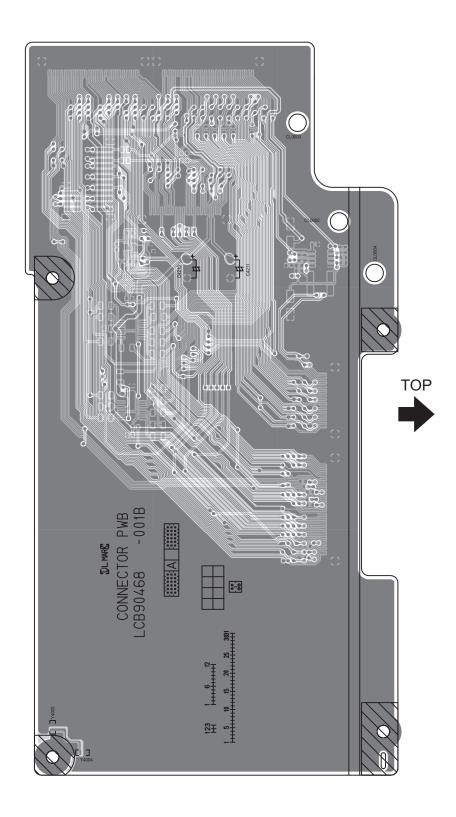


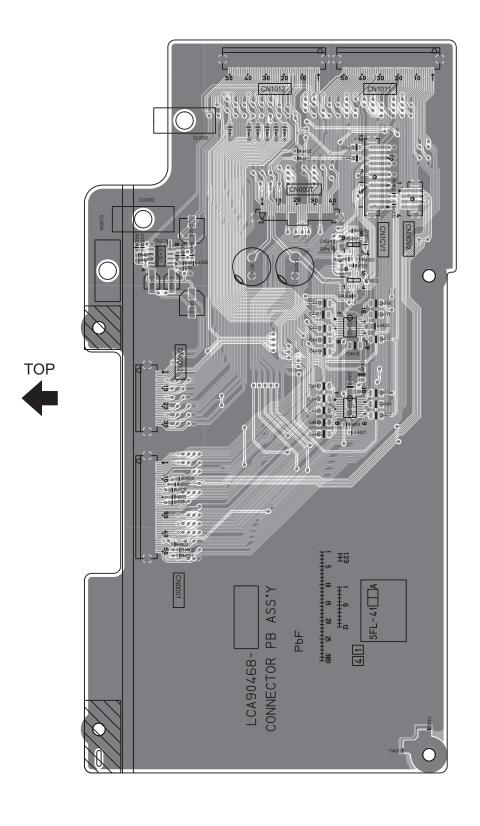




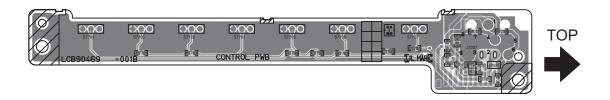








FRONT CONTROL PWB PATTERN [SOLDER SIDE]

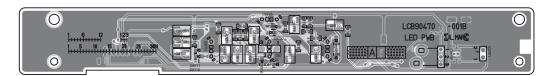


FRONT CONTROL PWB PATTERN [PARTS SIDE]



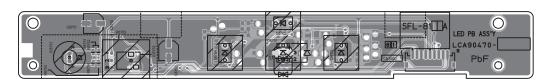
FRONT LED PWB PATTERN [SOLDER SIDE]



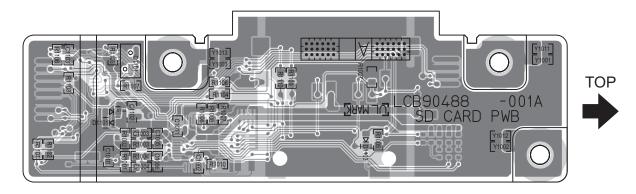


FRONT LED PWB PATTERN [PARTS SIDE]

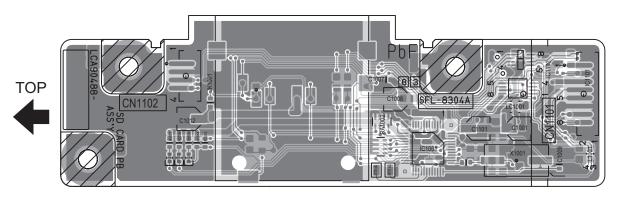


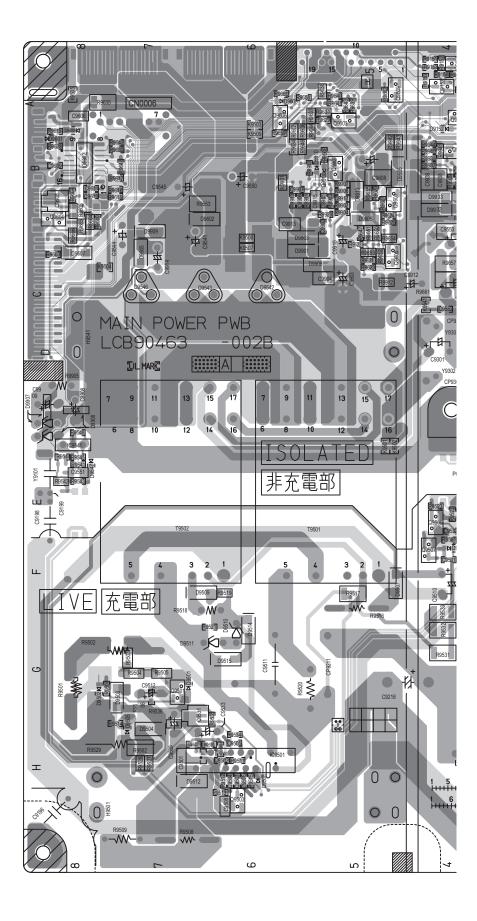


SD CARD PWB PATTERN [SOLDER SIDE]

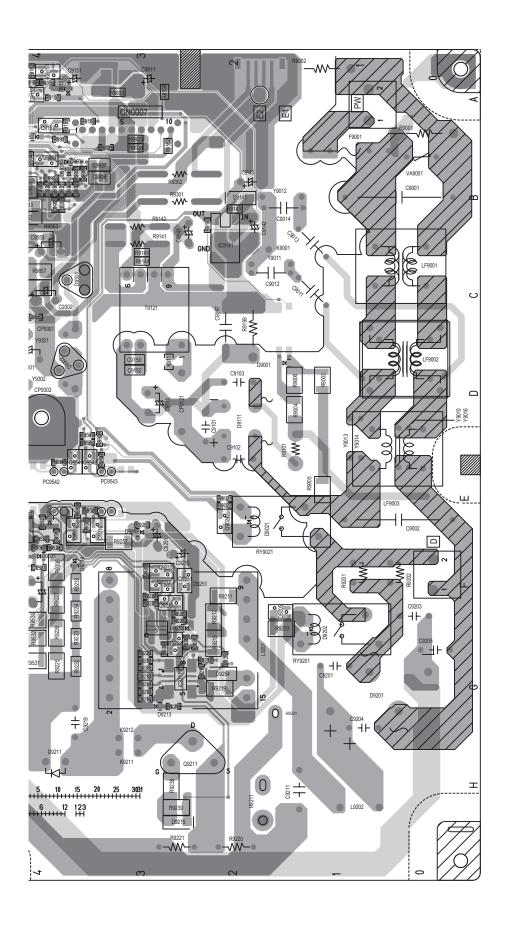


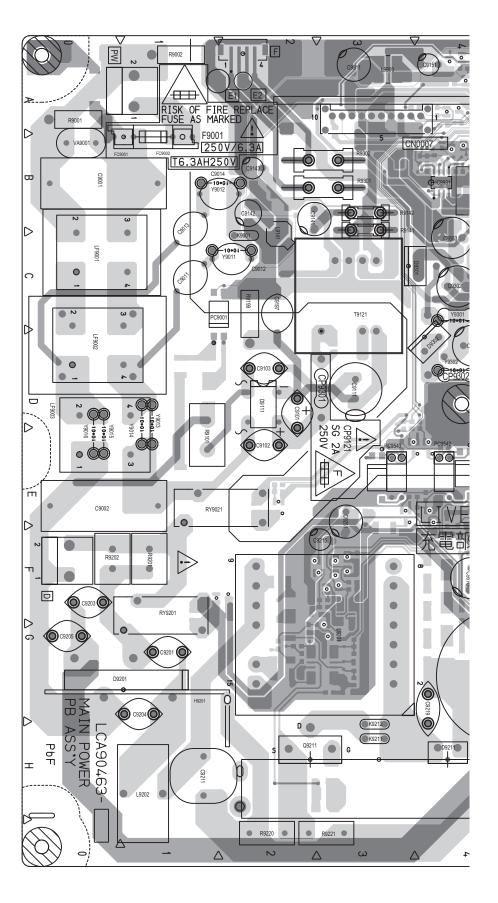
SD CARD PWB PATTERN [PARTS SIDE]

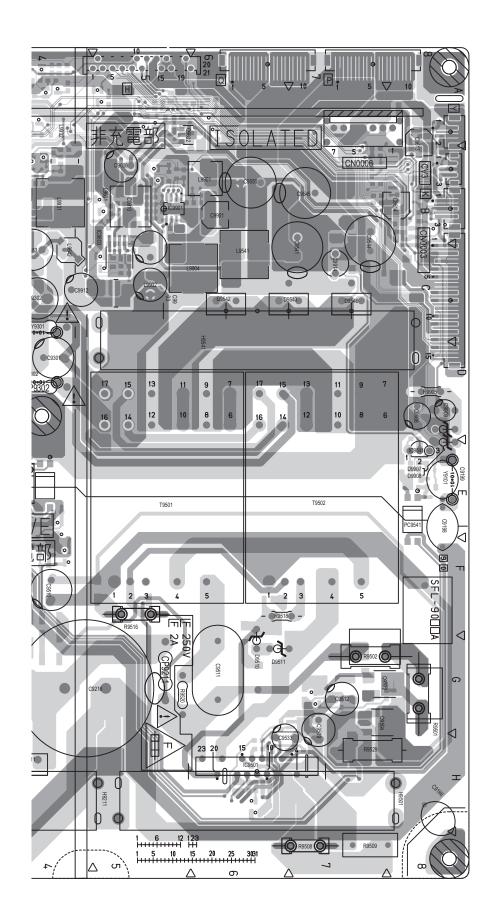




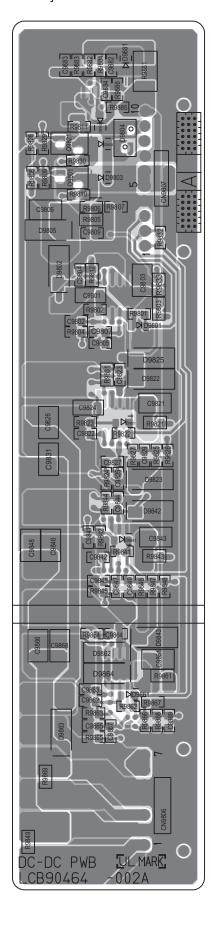




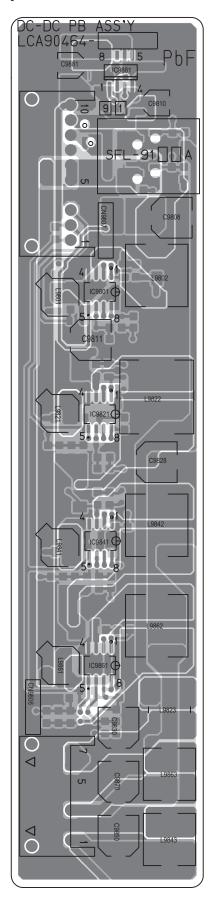














	GE CH	IARTS						
RECEIVER PWB> P.2-7 - P.2-8 MODE DC (V)	MODE PIN NO. DC (V) 3 3.9	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V) 21 4.7	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)	MODE PIN NO. DC (V)
1 4.1 2 4.2 3 4.1 4 4.1	4 4.4 5 4.4 6 0 7 0	B 0 Q2052 E 0 C 0	18 0 19 2.4 20 5.0 21 0	22 4.9 23 0 24 2.1 25 1.2	E 3.7 C 8.9 B 4.5 Q303	1 -9.8 2 -10.1 3 0.2 4 0.2	E 5.8 C 5.2 B 5.1 Q903	1 0 2 0.6 3 0.6 4 0
5 4.7 6 4.7 7 0 8 4.1	8 3.9 9 4.4 10 4.1 11 4.4	B 0 Q2055 E 0 C -0.2	22 2.9 23 2.7 24 3.4 25 3.3	26 2.1 27 0 28 0 29 0.5	E 3.7 C 9.0 B 4.5	5 15.9 6 12.0 7 0 8 -16.3	E 0 C 0 B 0.7	5 0.6 6 0.1
9 4.1 10 4.1 11 4.0 12 5.8	12 4.3 13 0 14 0 15 3.9	B 0 [P.2-11 - P.2-12]	26 0 27 3.7 28 1.6 Q402	30 5.1 IC301 1 5.0 2 4.8	E 2.9 C 0 B 2.3	9 -3.5 10 -16.2 11 0 12 12.0	<digital pwb="" signal=""> [P.2-19 - P.2-20] MODE PIN NO. DC (V)</digital>	P.2-23 - P.2-24 MODE DC (V) IC1001 - IC1002 -
13 4.0 14 0 15 1.2	16 4.4 17 3.9 18 4.4 19 4.4	MODE PIN NO. DC (V) IC711 1 5.1 2 5.2	S 3.1 D 2.9 G 4.7 Q403	3 4.9 4 0 5 4.6	[P.2-15 - P.2-16] MODE PIN NO. DC (V)	13 15.9 14 0.2 15 -3.9	IC1502 - [P.2-21 - P.2-22]	IC1003 - Q1001 - Q1003
17 0 18 3.1 19 8.9	20 0 21 4.9 22 3.9	3 4.6 4 4.6 5 4.6	S 3.1 D 3.0 G 4.8	7 4.6 8 4.9 9 4.7	1 8.8 2 4.0 3 0.3	16 -10.1 17 -9.7 Q6301 E 5.3	MODE PIN NO. DC (V) IC0401 1 3.3	E 1.3 C 2.4 B 1.9 Q1004
20 0 21 4.0 22 4.1 23 4.1	23 4.5 24 3.8 25 4.4 26 4.4	6 4.6 7 0.2 8 0 9 5.2	Q404 S 3.1 D 3.1 G 5.1	10 0.5 11 4.5 12 4.4 13 0	4 0.5 5 4.0 6 4.3 7 0	C 12.2 B 6.0 Q6302 E 5.3	2 0.3 3 0 4 3.2 5 3.3	E 3.0 C 9.0 B 3.6 Q1101 -
24 3.9 25 4.1 26 4.0 27 4.1	27 0 28 4.9 29 4.4 30 3.9	10 5.2 11 5.2 12 5.2 13 0 14 4.7	Q405 S 3.1 D 2.9 G 5.1	14 4.6 15 0 16 4.6 17 4.9	8 0 9 4.0 10 4.0 11 0.5	C 12.2 B 6.0 Q6431 E 8.9	Q0101 - Q0102 - Q0104 - Q0107 -	Q1103 3.9 Q1201 8.9 Q1203 4.5 Q1301
28 1.7 29 4.1 30 4.1 31 1.7 32 4.0	31 4.4 32 8.9 33 4.7 34 4.7 35 0	15 4.7 16 5.2 IC801	Q801 E 2.7 C 0 B 2.1	18 4.6 19 0.5 20 4.5 21 4.4 22 0	12 0.2 13 4.0 14 0 IC6201	C -0.4 B 8.9 Q6521 E 0 C 0	Q0108 - Q0109 - Q0110 - Q0201 -	E 3.9 C 8.9 B 4.5 Q1303
32 4.0 33 4.1 34 4.1 35 4.1 36 4.0	36 4.4 37 4.4 38 4.5 39 3.6	2 1.9 3 1.4 4 0.2	Q802 E 2.7 C 0 B 2.1 Q810	23 4.5 24 4.5 25 0 26 4.4	1 15.9 2 2.7 3 12.2 4 2.6	B -0.1 Q6522 E 0 C 0	E 3.0 C 7.7 B 3.5 Q0202 E 8.4	E 2.6 C 0 B 1.9 Q1401 E 3.9
37 4.0 38 4.1 39 4.1 40 4.1	40 4.4 41 4.5 42 9.0 43 4.5	5 2.3 6 5.0 7 2.5 8 0 9 0.2	E 2.0 C 0 B 1.4	27 4.4 28 0 29 0 30 4.3	5 0 IC6521 1 6.1 2 6.2	B 0 Q6523 E 0 C 0	C 3.8 B 7.7 Q0204 E 4.5	C 9.0 B 4.5 Q1403 E 2.6
40 4.1 41 1.1 42 4.1 43 4.1 44 4.0	45 4.5 44 4.4 45 4.5 46 3.7 47 4.4	10 0.8 11 2.4 12 5.0 13 4.7	E 1.6 C 0 B 1.0 Q853	31 8.9 32 4.5 33 4.5 34 0	3 6.1 4 6.1 5 6.1 6 6.2 7 6.2	B 0 Q6531 E 0 C 2.8	C 0 B 3.8 Q0207 E 2.5	C 0 B 2.0
45 4.1 46 4.1 47 4.1 48 4.1	48 0 49 5.0 50 4.4 51 4.4	14 4.7 15 0 16 0 17 0	E 1.9 C 8.9 B 2.7	35 4.5 36 4.5 37 0 38 4.5	8 6.2 9 0.9 10 6.2 11 3.1	B 0 Q6532 E 0 C 0	C 0 B 2.0 Q0208 E 1.8	P.2-27 - P.2-28 MODE PIN NO. DC (V) IC3001 - IC3004
IC3102 1 4.5 2 4.5 3 4.5	52 4.5 53 4.5 54 4.4 55 3.7	18 0 19 0 20 2.5 21 1.6	E 2.7 C 8.9 B 3.3 Q855	39 4.5 40 4.5 41 4.5 42 0	12 3.0 13 4.8 14 4.8 15 0	B 0.5 Q6533 E 0 C 0	C 8.9 B 2.4 Q0209	1 3.2 2 3.3 3 0.1 4 0.2
4 0 5 4.5 6 4.5 7 4.5	56 4.2 57 0 58 4.2 59 4.5	22 1.8 23 1.8 24 0 25 2.1	E 1.9 C 0 B 1.3 Q858	43 4.5 44 4.5 45 0 46 4.5	16 12.2 17 0 18 0 19 5.9	B 0.6 Q6534 E 0.8 C 0.7	2 0 3 2.4 4 2.4 5 0.1	5 0 6 0 7 0.1 8 0
8 8.9 IC3106 - Q3001 E 2.2	60 4.0 61 4.5 62 4.4 63 4.4	26 2.2 27 2.2 28 0 29 0	E 3.0 C 9.0 B 3.7 Q859	47 8.9 48 4.7 49 0 50 4.7	20 6.2 21 6.1 22 6.2 23 6.2	B 0 Q6538 E 0 C 0	6 2.5 Q0210 1 0 2 0.5	9 0 10 3.5 11 0 12 0
C 0 B 1.6 Q3002 E 1.7	64 4.4 IC502 1 2.1 2 2.1	30 0 31 0 32 5.0 33 2.2	E 3.6 C 0 B 3.0 Q862	51 0 52 4.7 53 0.5 54 4.4	24 6.2 25 6.2 26 6.1 27 6.1	B 0 Q6539 E 0 C 0	3 0.6 4 0.1 5 0.6 6 0.1	13 0 14 0 15 3.2 16 5.0
C 8.9 B 2.2 TU3001 1 3.9	3 9.0 4 2.3 5 0 6 9.0	34 2.4 35 2.4 36 0 37 5.0	E 1.0 C 4.0 B 1.6 Q863	55 4.5 56 0 57 4.6 58 0	28 6.2 29 6.2 30 6.1 IC6551	B 0 Q6661 E 15.9 C -16.2	Q0301 E 3.0 C 7.7 B 3.7	IC3005 1 0 2 0 3 0
2 2.2 3 4.9 4 5.1 5 4.5	1C503 1 3.1 2 3.2 3 8.9	38 4.0 39 1.7 40 3.2 41 2.0	E 3.4 C 5.0 B 4.0	59 4.6 60 0 61 4.7 62 0.5	1 6.2 2 6.1 3 6.1 4 0	B 15.8 Q6662 E -16.3 C -0.5	Q0302 E 8.4 C 3.8 B 7.7	4 0 5 3.3 IC3006 1 3.2
6 0 7 4.9 8 4.9 9 31.8	4 2.5 5 0 6 8.9 IC504	42 4.6 43 1.6 44 2.0 45 0	[P.2-13 - P.2-14] MODE PIN NO. DC (V) IC201	63 4.5 64 4.4 65 0 66 4.6	5 6.0 6 6.1 7 6.2 8 12.2	B -16.2 Q6663 E 0 C 15.8	Q0304 E 4.5 C 0 B 3.8	2 0.2 3 0.1 4 0 5 0.1
10 0 11 0 12 0 13 4.9	1 2.1 2 2.1 3 8.8 4 2.3	46 2.8 47 3.8 48 1.7 IC802	1 0.3 2 0.2 3 0 4 0	67 4.6 68 4.6 69 0 70 4.5	1 6.2 2 6.2 3 6.1	B 0 Q6673 E 11.7 C -0.1	Q0307 E 2.6 C 0 B 0	6 0.2 7 3.3 8 3.3 IC3007
14 1.5 15 0 16 1.6 17 3.9	5 0 6 9.0 Q507 E 2.8	1 1.2 2 3.1 3 4.9 4 2.4	5 0 6 0 7 6.1 8 0	71 4.5 72 0 73 5.0 74 4.7	4 0 5 6.1 6 6.2 7 6.1	[P.2-17 - P.2-18] MODE DIN NO DC (V)	Q0308 E 1.8 C 8.9 B 2.4	1 0.3 2 0.2 3 0.4 4 0.2
18 1.9 19 2.3 20 0 21 0	C 0 B 2.2 Q508 E 2.9	5 0 6 1.8 7 2.3 8 0	9 4.9 10 0 11 8.8 12 1.2	75 1.7 76 4.6 77 0 78 4.4	8 12.2 IC6621 1 -9.8 2 0	IC902 1 5.0 2 0	Q0309 1 2.4 2 0 3 2.5	5 0.1 6 0 7 0.2 8 3.3
<analog (v)<="" -="" [p.2-9="" dc="" mode="" no.="" p.2-10]="" pin="" pwbs="" signal="" td=""><td>Q509 E 2.4</td><td>9 0 10 0 11 4.9 12 0 13 5.0</td><td>13 0 14 0 15 0.1 16 0 17 0</td><td>79 4.4 80 0 Q301 E 3.7 C 8.9</td><td>3 0 4 -16.2 5 0 6 0</td><td>3 3.3 IC903 1 11.5 2 0</td><td>4 2.4 5 0 6 2.6</td><td>IC3008 - IC3403 1 0 2 3.3 3 0</td></analog>	Q509 E 2.4	9 0 10 0 11 4.9 12 0 13 5.0	13 0 14 0 15 0.1 16 0 17 0	79 4.4 80 0 Q301 E 3.7 C 8.9	3 0 4 -16.2 5 0 6 0	3 3.3 IC903 1 11.5 2 0	4 2.4 5 0 6 2.6	IC3008 - IC3403 1 0 2 3.3 3 0
IC501 1 3.9 2 4.4	C 0 B 1.8 Q2051 E 0	13 5.0 14 0 15 4.7 16 4.7	17 0 18 0 19 0.6 20 0	C 8.9 B 4.5	7 -9.8 8 15.2	3 9.0		3 0 4 3.3

MODE PIN NO.	DC (V)	MODE PIN NO. Q0310	DC (V)	MODE PIN NO. IC3501	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (
Q902 E	5.8	1	0	1	1.2	98	1.2	94	1.
C	5.2	2	0.6	2	2.5	99	0	95	1.
В	5.1	3	0.6	3	1.1	100	1.2	96	2.
Q903	3.1	4	0.6	4	1.1	IC3502	1.2	97	1.
E	0	5	0.6	5	0	1	1.2	98	- 1.
C	0	6	0.0	6	1.2	2	2.4	99	
В	0.7		0.1	7	1.2	3	1.2	100	1.
ь	0.7			8	2.5	4	1.2		1.
		[P.2-23 -	P.2-24]				_	IC3503	
IGITAL S	IGNAL PWB	MODE	DC (V)	9	1.2	5	0	1	_
2.2-19 -	P.2-20]	PIN NO.	- , ,	10	1.2	6	1.2	2	2.
MODE	DC (V)	IC1001	-	11	0	7	1.2	3	1.
PIN NO.	DO (1)	IC1002	-	12	1.2	- 8	2.5	4	1.
IC1502	-	IC1003	-	13	1.3	9	0.1	5	2.
		Q1001	-	14	2.5	10	1.2	6	2.
P.2-21 -	P 2-221	Q1003		15	2.5	11	0	7	2.
MODE		E	1.3	16	0	12	1.3	8	1
PIN NO.	DC (V)	С	2.4	17	1.3	13	1.2	Q3001	
C0401		В	1.9	18	1.2	14	2.5	Q3002	
1	3.3	Q1004		19	0	15	2.5	Q3003	
2	0.3	E	3.0	20	1.3	16	0	Q3004	
3	0	С	9.0	21	1.2	17	1.2	•	
4	3.2	В	3.6	22	2.5	18	1.1	ID 2 20	D 2 2
5	3.3	Q1101		23	0	19	0	[P.2-29 -	
Q0101	- 3.5	Q1101	3.9	24	0.3	20	1.2	PIN NO.	DC (
Q0101	-	Q1201	8.9	25	1.8	21	1.2	IC4001	
Q0102 Q0104	-	Q1201	4.5	26	1.7	22	2.5	IC4001	
	-		4.0						
Q0107	\vdash	Q1301		27	1.8	23	0.4	IC4004	
Q0108	-	E	3.9	28	0	24	0.4	1	-
Q0109	-	С	8.9	29	0.8	25	1.8	2	_
Q0110	-	В	4.5	30	0.7	26	1.8	3	_
Q0201		Q1303	\square	31	0.7	27	1.8	4	
E	3.0	E	2.6	32	0.7	28	0	5	3
С	7.7	С	0	33	0.7	29	0.7	6	3
В	3.5	В	1.9	34	0	30	0.8	7	
Q0202		Q1401		35	2.5	31	0.7	8	3
E	8.4	E	3.9	36	0.7	32	0.7	IC4005	
С	3.8	С	9.0	37	0	33	0.7	1	2
В	7.7	В	4.5	38	0	34	0.7	2	1
Q0204		Q1403		39	0.1	35	2.5	3	
E	4.5	E	2.6	40	0.1	36	0.7	4	-0
C	0	C	0	41	0.1	37	0.7	5	3
-							-		
B Q0207	3.8	В	2.0	42	0.1	38	0.2	Q4001	
							0	l E	
	0.5				0.2			<u> </u>	_
Е	2.5	[P.2-27 -	P.2-28]	44	0.2	40	0	С	0
E C	0	MODE		44 45	0.2	40 41	0	C B	0
Е			P.2-28] DC (V)	44	0.2	40 41 42	0		
E C B	0	MODE		44 45	0.2	40 41	0	В	0
E C B	0	MODE PIN NO.		44 45 46	0.2 0.7 0	40 41 42	0 0		0 P.2- 3
E C B Q0208	2.0	MODE PIN NO. IC3001		44 45 46 47	0.2 0.7 0 0.8	40 41 42 43	0 0 0	B [P.2-31 -	0
E C B Q0208	2.0	MODE PIN NO. IC3001 IC3004	DC (V)	44 45 46 47 48	0.2 0.7 0 0.8 0.7	40 41 42 43 44	0 0 0 0	B [P.2-31 - MODE	P.2-
E C B Q0208 E C B	0 2.0 1.8 8.9	IC3001 IC3004	DC (V)	44 45 46 47 48 49	0.2 0.7 0 0.8 0.7 0.7	40 41 42 43 44 45	0 0 0 0 0 0	PIN NO.	P.2-
E C B Q0208 E C B	0 2.0 1.8 8.9	MODE PIN NO. IC3001 IC3004 1	3.2 3.3	44 45 46 47 48 49 50	0.2 0.7 0 0.8 0.7 0.7 0.7	40 41 42 43 44 45 46	0 0 0 0 0 0 0.7	B [P.2-31 - MODE PIN NO. IC6502	P.2-
E C B Q0208 E C B	1.8 8.9 2.4	MODE PIN NO. IC3001 IC3004 1 2 3	3.2 3.3 0.1	44 45 46 47 48 49 50	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8	40 41 42 43 44 45 46 47	0 0 0 0 0 0.7 0	B [P.2-31 - MODE PIN NO. IC6502 Q6501	P.2-
E C B Q0208 E C B Q0209	1.8 8.9 2.4	MODE PIN NO. IC3001 IC3004 1 2 3 4	3.2 3.3 0.1 0.2	44 45 46 47 48 49 50 51	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0	40 41 42 43 44 45 46 47 48	0 0 0 0 0 0.7 0 0.8	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W	P.2-
E C B Q0208 E C B Q0209 1 2	1.8 8.9 2.4 2.4	MODE PIN NO. IC3001 IC3004 1 2 3 4 5	3.2 3.3 0.1 0.2	44 45 46 47 48 49 50 51 52	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7	40 41 42 43 44 45 46 47 48 49	0 0 0 0 0 0.7 0 0.8 0.8	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W CN0LV2	P.2-
E C B Q0208 E C B Q0209 1 2 3 4	1.8 8.9 2.4 2.4 0 2.4 2.4	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7	3.2 3.3 0.1 0.2 0 0	44 45 46 47 48 49 50 51 52 53	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2	40 41 42 43 44 45 46 47 48 49 50	0 0 0 0 0,7 0 0.8 0.8 0.8	B	P.2-
E C B Q0208 E C B Q0209 1 2 3	1.8 8.9 2.4 2.4 0 2.4	MODE PIN NO. IC3001 IC3004 1 2 3 4 5	3.2 3.3 0.1 0.2 0	44 45 46 47 48 49 50 51 52 53 54	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3	40 41 42 43 44 45 46 47 48 49	0 0 0 0 0 0.7 0 0.8 0 0.8 0.7	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W CN0LV2	P.2-
E C B Q0208 E C C B Q0209 1 2 3 4 5 6	2.0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.4 0.1	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7	3.2 3.3 0.1 0.2 0 0 0.1 0.1	44 45 46 47 48 49 50 51 52 53 54 55	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 0.4	40 41 42 43 44 45 46 47 48 49 50 51	0 0 0 0 0 0.7 0 0.8 0.8 0.7 0.7 0.7	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W CN0LV2 P.2-35 - MODE PIN NO.	P.2-
E C B Q0208 E C C B Q0209 1 2 3 4 5 6	2.0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.4 0.1	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7 8	3.2 3.3 0.1 0.2 0 0 0 0.1	44 45 46 47 48 49 50 51 52 53 54 55 56	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2	40 41 42 43 44 45 46 47 48 49 50 51 52 53	0 0 0 0 0.7 0 0.8 0 0.8 0.7 0.7	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W CN0LV2 [P.2-35 - MODE MODE CNODE CNOD	P.2
E C B Q0209 1 2 3 4 5 6 Q0210 1	2.0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.4 2.5	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7 8 9 10	3.2 3.3 0.1 0.2 0 0 0.1 0 0 3.5	44 45 46 47 48 49 50 51 52 53 54 55 56 56 57 58	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 1.3 2.4	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	0 0 0 0 0 0,7 0 0.8 0,8 0,7 0,7 0,7 0 1.8 1.3	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. IC7601 1	P.2 DC (
E C B Q0208 E C B Q0209 1 2 3 4 5 6 Q0210 1 2	2.0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.4 2.5 0 0.5	MODE PIN NO. IC3001 1 2 3 4 5 6 7 8 9 9 10 11	3.2 3.3 0.1 0.2 0 0 0.1 0 0 3.5 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	0.2 0.7 0 0.8 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 1.3 2.4 1.2	40 41 42 43 44 45 46 47 48 50 51 52 53 54 55	0 0 0 0 0,7 0 0,8 0,8 0,7 0,7 0,7 0 1,8 1,3 1,2	P.2-31 - MODE PIN NO. IC6502 G6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. IC7601 1 2	P.2 DC (
E C B Q0208 E C C B Q0209 1 2 3 4 5 6 Q0210 1 2 3	2.4 2.4 0 2.4 2.4 2.4 0.1 2.5 0 0.5	MODE PIN NO. IC3001 1 2 3 4 5 6 7 8 9 1 10 11 12 13	3.2 3.3 0.1 0.2 0 0 0.1 0 0 3.5 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 0.4 1.3 2.4 1.2	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	0 0 0 0 0 0 0,7 0 0,8 0,7 0,7 0,7 0,7 0,1 1,8 1,3 1,2 0,5	P.2-31 - MODE PIN NO. IC6502 G6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. IC7601 1 2 3	P.2 DC (
E C B Q0208 E C C B Q0209 1 2 3 4 5 6 Q0210 1 2 3 4 4	2.4 2.4 2.4 0.1 2.5 0.5 0.6 0.1	MODE PIN NO. IC3001 IC3001 1 2 3 4 5 6 7 8 9 10 11 12 13	3.2 3.3 0.1 0.2 0 0 0.1 0 0 3.5 0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	0.2 0.7 0 0.8 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 1.3 2.4 1.2 1.0	40 41 42 43 44 45 56 50 51 52 53 54 55 56	0 0 0 0 0 0,7 0 0,8 0,8 0,7 0,7 0,7 0 1.8 1.3 1.2 0,5	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. IC7601 1 2 3 4	P.2 DC (
E C B Q0208 E C B Q0209 1 2 3 4 5 6 Q0210 1 2 2 3 4 5 5 6 6 Q0210 1 2 2 3 4 5 6 6 Q0210 1 2 2 2 3 4 5 6 6 Q0210 1 2 2 2 3 4 5 6 6 Q0210 1 2 2 2 3 4 5 6 6 Q0210 1 2 2 2 3 4 5 6 6 Q0210 1 2 2 2 3 4 5 6 6 Q0210 1 2 2 2 3 4 5 6 6 Q0210 1 2 2 2 2 3 4 5 6 6 Q0210 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.4 2.4 2.4 0.1 2.5 0.5 0.6 0.1 0.6	MODE PIN NO. IC3001 IC3001 IC3004 1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 14 15	3.2 3.3 0.1 0.2 0 0 0.1 0 0 3.5 0 0 0 3.5	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 1.3 2.4 1.2 1.0 0	40 41 42 43 44 45 46 47 48 49 55 51 52 53 54 55 56 57 58	0 0 0 0 0,7 0 0,8 0,8 0,7 0,7 0,7 0 1.8 1.3 1.2 0.5 1.2	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. IC7601 1 2 3 4 5	P.2 DC (
E C B Q0208 E C B Q0209 1 2 3 4 4 5 6 Q0210 1 2 3 4 4 5 6	2.4 2.4 2.4 0.1 2.5 0.5 0.6 0.1	MODE PIN NO. IC3001 IC3001 IC3004 1 2 3 4 4 5 6 6 7 7 8 9 10 11 11 12 13 14 15 15 16 16	3.2 3.3 0.1 0.2 0 0 0.1 0 0 3.5 0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 56 60 61 62 63 64	0.2 0.7 0 8 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 0.4 1.3 2.4 1.2 1.0 0 0.8	40 41 42 43 44 45 50 51 52 53 54 55 56 57 58 59 60	0 0 0 0 0 0 0 0.7 0 0.8 0.8 0.7 0.7 0 0 1.3 1.2 0.5 0.5 1.2	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. IC7601 1 2 3 4 5 5 6 6	P.2 DC (
E C B Q0208 E C B Q0209 1 2 3 4 5 6 Q0210 1 2 3 4 5 6 Q0210 1 2 3 4 5 5 6 Q0301	0 2.0 1.8 8.9 2.4 0 2.4 0.1 2.5 0 0.5 0.6 0.1	MODE PIN NO. IC3001 IC3004 1 2 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 IC3005	3.2 3.3 0.1 0.2 0 0.1 0 0 3.5 0 0 3.5 0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 69 60 61 62 63 64 64 65	0.2 0.7 0 8 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 1.0 0 1.2 1.2 1.2	40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 56 57 58 59 60 61	0 0 0 0 0 0 0,7 0 0,8 0,8 0,7 0,7 0 1.8 1.3 1.2 0.5 0,5 1.2 2.1,2	P.2-31 - MODE PIN NO. IC6502 Q6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. IC7601 1 2 3 4 5 6 6 7	P.2 DC (
E C B Q0209 1 2 3 4 4 5 6 6 Q0301 E	0 2.0 1.8 8.9 2.4 0 2.4 2.4 2.4 0.1 2.5 0 0.5 0.6 0.1	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 IC3005	3.2 3.3 0.1 0.2 0 0 0.1 0 0 3.5 0 0 0 0 3.5 0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 65 66	0.2 0.7 0.8 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 0.4 1.2 1.0 0 1.2 1.2 1.2	40 41 42 43 44 45 46 47 48 49 50 51 51 52 53 54 55 56 57 58 59 60 61 62	0 0 0 0 0 0 0 0.7 0 0.8 0.8 0.7 0 0 1.8 1.3 1.2 0.5 1.2 2.5 1.2	P.2-31 - MODE PIN NO. IC6502 G6501 CN00W CN0L/2 CN00W CN0L/2 CN00W CN0L/2 CN00W CN0L/2 CN00W CN0L/2 CN00W CN0L/2 CN00W CN0W C	P.2 DC (
E C B B Q0209 1 2 2 3 4 4 5 5 6 6 Q0301 E C C	2.0 2.0 1.8 8.9 2.4 0 2.4 0.1 2.5 0 0.5 0.6 0.1 3.0 7.7	MODE PIN NO. IC3001 IC3004 1 2 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 IC3005 1 1 2	3.2 3.3 0.1 0.2 0 0 0 0.1 0 0 3.5 0 0 0 3.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 66	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 1.3 2.4 1.0 0 0.8 0 0.7 1.7 1.3 1.2 0.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 42 43 44 45 46 47 7 8 9 50 51 52 53 54 55 56 66 61 61 62 63	0 0 0 0 0 0 0.8 0 0.8 0.7 0 0.7 0 1.8 1.2 0.5 0.5 1.2 1.2 1.2	P.2-31 - MODE P.2-31 - MODE P.2-35 - MODE P.3-35 - MOD	DC (
E C B B Q0209 1 2 3 4 4 5 6 Q0210 1 2 2 3 4 4 4 5 6 Q0301 E C C B B	0 2.0 1.8 8.9 2.4 0 2.4 2.4 2.4 0.1 2.5 0 0.5 0.6 0.1	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 IC3005 1 2 2 3	00 (v) 3.2 3.3 0.1 0.2 0 0 0.1 0 0 0 3.5 0 0 0 3.2 5.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 89 60 61 62 63 64 65 66 67 67 68	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 1.3 2.4 1.0 0 1.2 1.2 1.0 0 2.5 1.2	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 67 78 60 61 62 63 64	0 0 0 0 0 0 0 0 7 0 8 8 0 7 0 7 0 0 1 8 1 3 1 2 2 5 5 5 5 5 5 1 2 1 2 1 2 1 2 1 2 1	P.2-31 - MODE PIN NO. C6502 C6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. IC7601 1	P.2 DC (
E C B Q0208 E C C B G0209 1 2 2 3 4 4 5 6 G G02010 1 2 2 3 4 4 5 5 6 G G02010 1 C C B G02010 E C C G02010 B G02010 E C C G02010 B G02010 C C G G02010 C C C C G02010 C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 0 2.4 0.1 2.5 0 0.5 0.6 0.1 0.6 0.1	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 12 13 14 15 16 IC3005 1 1 2 2 3 3 4 4 4	3.2 3.3 0.1 0.2 0 0 0.1 0 0 3.5 0 0 0 3.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 67 75 86 60 61 62 63 64 66 67 68	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0.7 1.3 1.2 0.4 1.3 1.2 1.0 0 1.2 1.2 1.2 1.2 1.2 1.2	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 68 60 61 61 62 63 63 64 65	0 0 0 0 0 0 0 0 0 0 0 0 8 0 0 7 0 7 0 7	P.2-31 - MODE PIN NO. IC6502 G6501 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0UV CN00W CN0UV CN00W CN00W CN0UV CN0	P.2 DC (0 0 0 0 0 1 3 3
E C B BQ0208 E C C B Q02010 1 2 2 3 3 4 4 5 5 6 6 Q0210 1 C C C B C C C B B C C C B B C C C C C	0 2.0 1.8 8.9 2.4 2.4 2.4 0.1 2.5 0.6 0.6 0.1 3.0 7.7 3.7 8.4	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 IC3005 1 2 3 4 4 5	00 (v) 3.2 3.3 0.1 0.2 0 0 0.1 0 0 0 3.5 0 0 0 3.2 5.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 68 69 70	0.2 0.7 0 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 0.4 1.2 1.0 0 1.2 1.2 1.0 0 1.2 1.2 1.0 1.2 1.0 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	40 41 42 43 44 45 46 47 7 8 9 50 51 52 53 55 56 66 61 62 63 64 65 66	0 0 0 0 0 0,7 0 0,8 0,8 0,7 0,7 0,7 0,7 0,7 0,7 0,7 0,7 0,7 0,7	P.2-31 - MODE P.2-31 - MODE P.2-35 - MODE P.2-35 - MODE P.1	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B B Q0209 1 2 2 3 4 5 6 6 Q02010 1 E C C B B Q03002 E C C C B C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.4 2.5 0 0.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 IC3005 1 2 2 3 4 5 IC3006	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.0 0.3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 78	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 0.4 1.2 1.2 1.0 0 1.2 2.4 1.2 2.5 0 0 1.7 1.3 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 60 61 62 63 64 66 66 66	0 0 0 0 0 0 0,7 0 0,8 0,8 0,7 0,7 0,7 0,5 1,2 1,2 1,2 1,2 1,2 0,5 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	P.2-31 - MODE PIN NO. C6502 C6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. C7601 1	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B B Q0209 1 2 3 4 4 5 6 6 Q0210 1 E C C B B Q0301 E C C B B Q0301 E C C B B B Q0302 E C C B B	0 2.0 1.8 8.9 2.4 2.4 2.4 0.1 2.5 0.6 0.6 0.1 3.0 7.7 3.7 8.4	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 7 8 8 9 9 10 11 12 13 14 15 16 IC3005 1 2 2 3 4 5 16 IC3006 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DC (V) 3.2 3.3 0.1 0.2 0 0 0 0 0 0 0 3.5 0 0 0 0 0 0 0 0 0 0 0 3.2 5.0 0 0 0 0 0 0 3.3 3.3 3.3	44 45 46 47 48 49 50 51 51 52 53 54 55 56 67 78 60 61 62 63 64 65 66 67 68 69 70	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 1.3 2.4 1.0 0 0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 61 62 63 66 66 67 67 68	0 0 0 0 0 0,7 0 0,7 0,7 0,7 0,7 0,7 1.8 1.3 1.2 2.5 5,5 1.2 2.5 1.2 2.5 1.2 2.5 1.2 2.5 1.2 2.5 1.2 2.5 1.2 2.5 1.2 2.5 1.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	P.2-31 MODE PIN NO. IC6502 G6501 CN00W CN0L/2 G6501 CN00W CN0L/2 G7601	P.2 DC (
E C B B Q0209 1 2 3 3 4 4 5 6 6 Q0210 1 2 2 3 4 4 5 6 6 C Q0210 1 2 C C B B Q03030 E C C B B Q030304	0 2.0 1.8 8.9 2.4 0 2.4 0.1 2.5 0 0.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 IC3005 1 2 3 4 4 5 IC3006 1 1 2	DC (V) 3.2 3.3 0.1 0.2 0 0 0 0 0 0 0 3.5 5 0 0 0 0 0 0 0 3.3 3.2 5.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 71 72 73	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 0.7 1.3 1.2 0.4 1.3 2.4 1.2 1.2 2.5 0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 42 43 44 45 46 47 7 8 9 50 51 52 53 55 56 66 61 62 63 64 65 66 66 67 68 68	0 0 0 0 0,7 0 0,7 0 0,8 0,8 0,7 0,7 0,7 0,7 0,7 0,1 8,1 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1	P.2-31 - MODE P.2-31 - MODE P.2-35 - MODE P.3-35 - MOD	P.2- DC (0 0 0 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
E C B B Q02009 1 2 2 3 4 4 5 6 6 Q03001 E C C B B Q03001 E C C B B C C C B B C C C C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.5 0.0 0.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 IC3005 1 2 2 3 4 5 IC3006 1 2 3 3	DC (V) 3.2 3.3 0.1 0.1 0.0 0 0.3.5 0 0 0 0 0 0 0 0 0 3.5 0 0 0 0 3.3.2 5.0 0 0 0 3.3.2 5.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 8 89 60 61 62 63 64 65 66 67 77 88 89 97 77 77	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 0.4 1.2 1.2 1.0 0 1.2 2.5 0 1.2 2.5 0 1.2 2.5 0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 42 43 44 45 46 47 78 49 50 51 52 53 54 55 56 60 61 62 63 64 65 66 67 68 68 69 70	0 0 0 0 0 0,7 0 0,8 0,8 0,7 0,7 0,7 0,7 0,1 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1	P.2-31 - MODE PIN NO. C6502 C6501 CN00W CN0LV2 P.2-35 - MODE PIN NO. C7601 1	P.2- DC (0 0 0 0 1 1 3 3 1 1 1 3 3 3 3 1 1 1 3 3 3 1 1 1 3 3 1 1 1 3 3 1 1 1 1 3 3 1 1 1 1 3 3 1 1 1 1 3 3 1 1 1 1 3 3 1
E C B B Q0209 1 1 2 2 3 4 4 5 6 6 Q0301 E C C B B Q03090 E C C B B Q03090 E C C B B C Q0301 E C C B C Q0301 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.5 0 0.5 0.6 0.1 3.0 7.7 3.7 4.5 0	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 7 8 8 9 9 10 11 12 13 14 15 16 IC3005 1 1 2 2 3 4 4 5 5 IC3006 1 2 2 3 3 4 4 4 5 5 IC3006 1 2 2 3 3 4 4	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 67 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 1.3 2.4 1.0 0.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 66 61 62 63 64 65 66 66 67 77	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 MODE PIN NO. C6502 G6501 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0LV2 CN00W CN0UV CN00W CN0UV CN0W	P.2 DC (0 0 0 0 0 1 1 3 3 1 1 1 3 3 0 0 0 0 0 0
E C B B Q00209 1 2 2 3 4 4 5 6 6 Q00210 1 E C C B Q00301 E C C B B Q00301 E C C B B Q00302 E C C B B Q00304 E C C C B B Q00304 E C C B B Q00304 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.5 0.0 0.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 IC3005 1 2 3 4 4 5 IC3006 1 2 3 4 4 5	DC (V) .	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 71 72 73 74 75 76	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 0.7 1.3 1.2 0.4 1.3 2.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 7 48 49 50 51 52 53 55 56 61 61 62 63 64 65 66 67 68 69 70 71 71 72	0 0 0 0 0,7 0 0,7 0 0,7 0,7 0,7 0,7 0,7	P.2-31 - MODE PIN NO. C6502 G6501 C8502 G6501 C8502 G7601	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B B Q00209 1 2 2 3 4 4 5 6 6 Q00210 1 E C C B Q00301 E C C B B Q00301 E C C B B Q00302 E C C B B Q00304 E C C C B B Q00304 E C C B B Q00304 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0 2.4 0.1 2.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 8.4 3.8 7.7 4.5 0 3.8	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 IC3005 1 2 2 3 4 5 IC3006 1 2 3 4 5 6 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	DC (V) 3.2 3.3 0.1 0.1 0.0 0 0.3.5 0 0 0 0 0 0 0 3.5 0 0 0 0 3.2 5.0 0 0 0 3.3 2 0.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 46 47 48 48 50 51 52 53 54 55 56 57 8 89 60 61 62 63 64 65 66 67 70 71 72 72 74 75 76	0.2 0.7 0.8 0.7 0.7 0.7 0.7 0.7 0.8 0 1.3 1.2 0.4 1.3 2.4 1.0 0 0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70 70 71 72 73	0 0 0 0 0,7 0,7 0,7 0,7 0,7 0,7 0,1 1,8 1,3 1,2 2,5 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	P.2-31 - MODE PIN NO. C66502 C66501 CN00W CN0LV2 C76501 CN0LV2 C76501 CN0LV2 C76501 CN0LV2 C	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q00209 1 2 3 4 4 5 6 6 Q00210 1 E C C B Q00301 E C C B Q00301 E C C B B Q00302 E C C B C C C B C C C C B C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0.1 2.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 3.8	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 10 11 11 12 12 13 14 15 16 IC3005 1 1 2 2 3 4 4 5 6 6 1 1 2 2 3 4 4 5 6 6 6 7 7 8 8 9 9 10 11 1 12 12 13 14 15 16 16 IC3005 1 1 2 2 3 1 4 5 6 6 6 7 7	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 68 89 70 71 72 73 74 75 76	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 1.0 0.4 1.3 1.2 1.0 0.5 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 62 63 64 66 67 76 88 69 77 72 72 73 74	0 0 0 0 0,7 0 0,7 0 0,7 0,7 0,7 0,7 0,7	P.2-31 - PMODE P	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B B Q0209 1 2 2 3 4 4 5 6 Q0301 E C C B Q0301 E C C B B Q030301 E C C B Q030301 E C C B Q030301 E C C B Q03002 E C C B Q03002 E C C B Q0300307 E C C B Q03004 E C C C C B Q03004 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0 2.4 0.1 2.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 8.4 3.8 7.7 4.5 0 3.8	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 IC3005 1 2 3 4 5 IC3006 1 2 7 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9	DC (V) 3.2 3.3 0.1 0.1 0.0 0 0.3.5 0 0 0 0 0 0 0 3.5 0 0 0 0 3.2 5.0 0 0 0 3.3 2 0.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 46 47 48 48 50 51 52 53 54 55 56 57 8 89 60 61 62 63 64 65 66 67 70 71 72 72 74 75 76	0.2 0.7 0.8 0.7 0.7 0.7 0.7 0.7 0.8 0 1.3 1.2 0.4 1.3 2.4 1.0 0 0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 78 50 51 52 53 55 56 60 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE PIN NO. C66502 C66501 CN00W CN0LV2 C76501 CN0LV2 C76501 CN0LV2 C76501 CN0LV2 C	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q00209 1 2 3 4 4 5 6 6 Q00210 1 E C C B Q00301 E C C B Q00301 E C C B B Q00302 E C C B C C C B C C C C B C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0.1 2.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 3.8	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 10 11 11 12 12 13 14 15 16 IC3005 1 1 2 2 3 4 4 5 6 6 1 1 2 2 3 4 4 5 6 6 6 7 7 8 8 9 9 10 11 1 12 12 13 14 15 16 16 IC3005 1 1 2 2 3 1 4 5 6 6 6 7 7	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 68 89 70 71 72 73 74 75 76	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 1.0 0.4 1.3 1.2 1.0 0.5 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 62 63 64 66 67 76 88 69 77 72 72 73 74	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - PMODE P	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q02010 1 2 2 3 4 4 5 6 Q0210 1 E C C B Q03010 E C C B C C B Q03010 E C C B B B Q03010 E C C C B B Q03010 E C C C B B Q03010 E C C B D Q D D D D D D D D D D D D D D D D D	0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.5 0.0 0.5 0.6 0.1 3.0 0.7.7 3.7 4.5 0.3.8 2.6 0.0	MODE PIN NO. IC3001 IC3004 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 IC3005 1 2 3 4 5 IC3006 1 2 7 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 77 77 78	0.2 0.7 0.8 0.7 0.7 0.7 0.8 0.7 1.3 1.2 0.4 1.3 2.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 78 50 51 52 53 55 56 60 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE PIN MODE PIN MODE PIN MODE PIN MODE PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN MODE PIN NO. PIN	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q02009 1 2 2 3 3 4 4 5 6 6 Q0210 E C C B Q03004 E C C B Q03000 E C C B B B Q03000 E C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0 2.4 2.5 0.0 0.5 0.6 0.1 3.0 0.7.7 3.7 4.5 0.3.8 2.6 0.0	MODE PIN NO.	DC (V) 32 33 0.1 0.2 0 0.1 0.1 0.0 0.3 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 78	0.2 0.7 0.8 0.8 0.7 0.7 0.7 0.8 0 1.3 1.2 0.4 1.3 2.4 1.0 0.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70 68 69 77 77 77 77 77 77	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE PIN NO. C6502 C6501 CN00W CN0LV2 C7601 CN0LV2 C7601 CN0LV2 C7601 CN0LV2 C7601 CN0LV2 C7601 CN0LV2	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q00209 1 2 3 4 4 5 6 6 Q00210 1 E C B Q00302 E C C B Q003004 E C C B B Q003008 E C C B D Q D D D D D D D D D D D D D D D D D	0 2.0 1.8 8.9 2.4 2.4 0 2.4 0.1 2.5 0.6 0.6 0.1 3.0 7.7 3.7 4.5 0 3.8 2.6 0 0	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 11 12 13 14 15 16 IC3005 1 2 2 3 3 4 4 5 5 IC3006 1 2 2 3 3 4 5 6 6 7 7 7 8 IC3007 1 1 2 2 1 1 1 1 1 1	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81	0.2 0.7 0 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 1.0 0 1.1 1.2 1.0 0 1.2 1.0 0 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 7 48 49 50 51 52 53 54 55 66 67 62 63 64 65 66 67 7 7 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE P.2-31 - MODE P.2-31 - MODE P.3-35 -	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q02009 1 2 2 3 3 4 4 5 6 6 Q0210 1 E C C B Q03007 E C C B Q03000 E C C B C C B Q03000 E C C B C C C B C C C B C C C B C C C C	0 2.0 1.8 8.9 2.4 2.4 0 2.4 0.1 2.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 8.4 3.8 7.7 4.5 0 3.8 0 0 1.8 8.9	MODE PIN NO. IC3001 IC3004 1	DC (V) 3.2 3.3 0.1 0.2 0 0.0 0.1 0 0 0.3.5 0 0 0 0 0.3.2 5.0 0 0 0 0.3.3 3.2 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 79 80 81 81 82 82 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0.2 0.7 0.7 0.7 0.7 0.7 0.7 0.8 0 1.7 0.4 1.3 2.4 1.2 1.0 0.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 60 61 62 63 66 67 77 68 69 70 71 72 73 74 75 77 77 77 78	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE PIN NO. CROSON PIN NO. PIN NO	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B GO0001 1 2 3 3 4 5 6 GO0001 E C C B GO00001 E C C B GO000001 E C C B B GO00001 E C C B B GO000001 E C C B B GO0000001 E C C B B GO00000001 E C C B B GO00000001 E C C B B GO000000001 E C C B B GO000000001 E C C B B GO000000000000000000000000000000000	0 2.0 1.8 8.9 2.4 2.4 0 2.4 0.1 2.5 0.5 0.6 0.1 3.0 7.7 3.7 4.5 0 3.8 2.6 0 0 1.8	MODE PIN NO. IC3001 IC3001 IC3001 IC3004 1	DC (V) 32 33 0.1 0.2 0 0.1 0.1 0.3 3.5 0.0 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 81 82 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0.2 0.7 0.8 0.7 0.7 0.7 0.8 0 1.7 1.3 1.2 0.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 78 55 55 56 56 57 58 59 60 61 62 63 64 65 66 67 77 78 78 79 80	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - PMODE P	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q0209 1 1 2 3 4 4 5 6 6 Q0210 1 E C B Q0300 E C C B Q0300 E C C B B Q0300 E C C C B B Q D D D D D D D D D D D D D D D D D	0 2.0 1.8 8.9 2.4 2.4 0 2.4 0.1 2.5 0.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 3.8 4.5 0 0 0 1.8 8.9 2.4	MODE PIN NO.	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 77 78 80 81 81 82 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0.2 0.7 0.8 0.7 0.7 0.7 0.8 0.7 0.7 0.8 0.7 1.2 0.4 0.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 78 50 51 52 53 55 66 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 77 78 78 79 80 80 81	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE PIN NO. C6502 C6502 C6501 CNOW CNOLV2 C7601	P.2-DC (C) (C) (C) (C) (C) (C) (C) (C) (C) (C
E C B Q0209 1 2 3 3 4 4 5 6 6 Q0210 E C C B Q03004 E C C B Q03005 E C C B G Q0300 E C C B B Q0300 E C C B G Q0300 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 0 2.4 0 0.1 2.5 0 0.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 8.4 3.8 7.7 4.5 0 3.8 2.6 0 0 1.8 8.9 2.4	MODE MODE	DC (V) 3.2 3.3 0.1 0.2 0 0.0 0.1 0 0 0.3 3.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 56 46 47 48 49 50 51 51 52 53 54 55 56 67 78 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 79 80 81 81 82 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0.2 0.7 0.8 0.8 0.7 0.7 0.7 0.8 0 1.7 0.8 0 1.3 1.2 0.4 1.3 1.2 1.0 0.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	40 41 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 60 61 62 63 64 65 66 67 77 77 77 78 79 80 80 81 81 81 81 81 81 81 81 81 81 81 81 81	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE PIN NO. CROSON PIN NO. PIN NO	P.2 DC (0 0 1 3 1 3 0 1 3 3 3 3 3 3
E C B Q0209 1 2 3 3 4 5 6 Q0210 1 E C B Q0300 B E C B B Q0300 B E C B B Q0300 B E C C C C B B Q0300 B E C C C C B B Q0300 B E C C C C B B Q0300 B E C C C C B B Q0300 B E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 0 2.4 0.1 2.5 0 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 0 3.8 2.6 0 0 1.8 8.9 2.4 0.1 2.5	MODE PIN NO. IC3001 IC3004 1	DC (V) .	44 45 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 77 72 73 74 75 76 77 77 88 89 89 80 81 81 81 81 81 81 81 81 81 81 81 81 81	0.2 0.7 0.8 0.7 0.7 0.7 0.7 1.3 1.2 0.4 1.3 1.2 1.0 0.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	40 41 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 81 82 83	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE P.2-31 - MODE P.2-35 - MODE P.2-35 - MODE P.3-35 - MOD	P.2- DC (C)
E C B GO2009 1 1 2 3 4 4 5 6 GO2010 1 E C B GO3001 E C C B GO3001 E C C B B GO3001 E C C C C G GO3001 E C C C C C C G GO3001 E C C C G G G G G G G G G G G G G G G G	0 2.0 1.8 8.9 2.4 2.4 0 2.4 0.1 2.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 0.3 8.4 3.8 7.7 4.5 0 0 0 0 2.4 0 0 0 2.5	MODE PIN NO.	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.3.5 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 77 77 77 78 80 81 81 82 83 83 84 86 86 87 87 88 88	0.2 0.7 0.8 0.7 0.7 0.7 0.8 0.7 0.7 0.8 0.7 1.2 0.4 0.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 78 55 55 56 66 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74 75 76 77 77 78 79 80 81 82 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE PIN NO. C6502 C6502 C6501 CN00W CN0LV2 C7601	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q0209 1 2 3 3 4 4 5 6 G Q0210 E C C B Q0300 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0.1 2.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 0.3 8.4 3.8 1.8 8.9 2.4 0.1 2.5 2.4 0.1 2.5 2.6 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.2 0.5 0.5 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.6 0.1 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.6 0.1 0.7 0.7 0.6 0.6 0.7 0.7 0.6 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 8 8 IC3006 1 2 2 3 4 4 5 6 6 6 7 8 8 IC3006 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DC (V) .	44 44 45 56 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 70 71 71 72 73 74 75 76 77 78 79 80 81 81 82 83 84 84 84 86 86 86 86 86 86 86 86 86 86 86 86 86	0.2 0.7 0.8 0.7 0.7 0.7 0.8 0 1.7 0.8 0 1.3 1.2 0.4 1.3 2.4 1.0 0.2 1.5 1.2 1.0 0.2 1.5 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	40 41 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 67 68 69 70 71 72 73 74 75 76 77 78 80 80 81 81 82 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - PMODE P	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B GO2009 1 1 2 3 4 4 5 6 GO2010 1 E C B GO3001 E C C B GO3001 E C C B B GO3001 E C C C C G GO3001 E C C C C C C G GO3001 E C C C G G G G G G G G G G G G G G G G	0 2.0 1.8 8.9 2.4 2.4 0 2.4 0.1 2.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 0.3 8.4 3.8 7.7 4.5 0 0 0 0 2.4 0 0 0 2.5	MODE PIN NO.	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.3.5 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 77 77 77 78 80 81 81 82 83 83 84 86 86 87 87 88 88	0.2 0.7 0.8 0.7 0.7 0.7 0.8 0.7 0.7 0.8 0.7 1.2 0.4 0.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 78 55 55 56 66 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74 75 76 77 77 78 79 80 81 82 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE PIN NO. C6502 C6502 C6501 CN00W CN0LV2 C7601	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q0209 1 2 3 3 4 4 5 6 G Q0210 E C C B Q0300 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 2.4 0.1 2.5 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 0.3 8.4 3.8 1.8 8.9 2.4 0.1 2.5 2.4 0.1 2.5 2.6 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.2 0.5 0.5 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.6 0.1 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.6 0.1 0.7 0.7 0.6 0.6 0.7 0.7 0.6 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 8 8 IC3006 1 2 2 3 4 4 5 6 6 6 7 8 8 IC3006 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.3.5 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	44 44 45 56 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 70 71 71 72 73 74 75 76 77 78 79 80 81 81 82 83 84 84 84 86 86 86 86 86 86 86 86 86 86 86 86 86	0.2 0.7 0.8 0.7 0.7 0.7 0.8 0 1.7 0.8 0 1.3 1.2 0.4 1.3 2.4 1.0 0.2 1.5 1.2 1.0 0.2 1.5 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	40 41 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 67 68 69 70 71 72 73 74 75 76 77 78 80 80 81 81 82 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - PMODE P	P.2-3 DC (0 0 0 0 1 1
E C B Q0209 1 2 2 3 3 4 4 5 5 B Q03004 E C C B Q03009 1 2 2 B C C B B Q03009 1 C C B B Q03004 E C C B C C B B Q03004 E C C B C C B B Q03004 E C C B B Q03004 E C C B B Q03005 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 0 2.4 0.1 2.5 0 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 0 3.8 2.6 0 0 0 0 1.8 8.9 2.4 0 0 2.5 4.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MODE MODE	DC (V) 32 33 33 0.1 0.2 0 0 0.1 0 0 0 3.5 0 0 0 0 0 3.5 0 0 0 0 0 3.2 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 77 77 77 77 77 77 77 77 77 77 77	0.2 0.7 0.8 0.7 0.7 0.7 0.7 1.3 1.2 0.4 1.3 1.2 1.0 0.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	40 41 41 42 43 44 45 46 47 78 55 55 56 56 57 58 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 78 79 80 81 81 81 81 81 81 81 81 81 81 81 81 81	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE P.2-31 - MODE P.2-35 - MODE P.2-35 - MODE P.3-35 - MOD	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q02010 1 2 3 3 4 5 6 6 Q02010 E C B Q03002 E C C B Q03003 E C C B B Q03003 E C C C B B Q03003 E C C B B Q03003 E C C C B B Q03003 E C C C B C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 0 2.4 0.1 2.5 0 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 0 3.8 2.6 0 0 0 0 1.8 8.9 2.4 0 0 2.5 4.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 8 IC3007 1 2 2 3 4 4 5 6 6 7 8 IC3006 1 2 2 3 4 4 5 5 6 6 7 8 IC3006 1 2 2 3 3 4 4 5 5 6 6 7 8 IC3007 1 2 2 3 3 4 4 5 5 6 6 7 8 IC3007 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 5 6 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 6 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 6 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 6 6 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 7 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 7 7 7 8 8 IC3007 1 2 2 3 3 3 4 4 5 7 7 7 8 8 IC3007 1 2 2 3 3 3 3 4 4 5 7 7 7 8 8 IC3007 1 2 2 3 3 3 3 4 4 5 7 7 7 8 8 IC3007 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	44 45 46 47 48 49 50 51 51 52 53 54 55 56 61 62 63 64 65 66 67 70 71 72 73 74 75 76 76 77 78 89 80 81 81 82 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0.2 0.7 0.8 0.7 0.7 0.7 0.8 0 1.7 0.1 1.3 1.2 1.0 0.4 1.3 1.2 1.0 0.2 1.5 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 60 61 61 62 63 64 65 66 67 77 77 78 80 80 81 81 82 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE P.2-31 - MODE P.2-31 - MODE P.3-35 -	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q0209 1 2 3 3 4 5 6 6 Q0210 E C B Q03002 E C C B B Q03002 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 0 2.4 0.1 2.5 0 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 0 3.8 2.6 0 0 0 0 1.8 8.9 2.4 0 0 2.5 4.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MODE PIN NO. IC3001 IC3004 1 2 3 4 4 5 6 6 7 7 8 9 10 11 12 13 14 15 16 16 16 16 16 16 16	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	44 44 45 46 47 48 49 50 51 51 52 53 54 55 56 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88 89 80 80 80 80 80 80 80 80 80 80 80 80 80	0.2 0.7 0.8 0.8 0.7 0.7 0.7 0.8 0 1.3 1.2 0.4 1.3 1.2 1.0 0 0 1.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 45 46 47 48 49 55 56 57 58 56 61 62 63 64 65 66 67 70 71 72 73 74 75 79 80 81 81 82 83 84 84 86 86 86 87	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE PIN NO. C6502 C6502 C6501 CN00W CN0LV2 C7601	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E C B Q0209 1 2 2 3 4 4 5 6 Q03012 E C C B Q03002 B C C B Q03003 E C C B B Q03003 E C C C B B Q03003 E C C B B Q03003 E C C C C C C C C C C C C C C C C C C	0 2.0 1.8 8.9 2.4 0 2.4 0.1 2.5 0 0.6 0.1 0.6 0.1 3.0 7.7 3.7 4.5 0 0 3.8 2.6 0 0 0 0 1.8 8.9 2.4 0 0 2.5 4.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MODE MODE	DC (V) 3.2 3.3 0.1 0.2 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	44 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 93 94 95 96 96 97 97 97 97 97 97 97 97 97 97	0.2 0.7 0.8 0.7 0.7 0.7 0.7 1.3 1.2 0.4 1.3 2.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	40 41 41 42 43 44 46 47 48 49 50 51 52 53 54 55 56 66 67 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 78 79 80 81 81 82 83 84 84 84 84 84 84 84 84 84 84 84 84 84	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P.2-31 - MODE P.2-31 - MODE P.2-31 - MODE P.2-35 - MODE P.3-35 - MOD	P.2 DC (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

V 0 2 0 5 2 0 0 2 0 5 3 2 5 5 5 7	9 40 41 42 43 44	0 0 0 0	P.2-37 - MODE PIN NO. IC7001	DC (V)	MODE PIN NO. 97	DC (V)	MODE PIN NO. Q8708	DC (V)
	40 41 42 43	0	1	0		0	Q8708	
	41 42 43	0		n				
	42 43		2	0	98	3.3	E C	5.0 -1.2
			3	0	100	3.3	В	4.9
	44	0	4	0	IC7002	-	Q8710	
	45	0	5 6	0	IC7003	3.2	E C	2.8
	46	0	7	3.3	2	3.1	В	0
0 .5 .3 .2 .5	47	0	8	0	3	3.3	Q8711	
.3	48	3.3	10	3.2	4	3.3	C	2.8
5	50	0	11	3.2	6	3.3	В	2.8
.5	51	0	12	3.3	7	3.2	Q8712	
- 1	52	0	13	3.3	8	3.2	E	-1.0
5	53 54	0	14 15	3.2	IC7401	0	C B	-0.6 0
2	55	0	16	3.3	2	3.2		
3	56	0	17	3.3	3	0	<sd cai<="" td=""><td>RD PWB</td></sd>	RD PWB
\exists	57 58	0	18 19	0	4 Q7206	3.3	[P.2-45 -	P.2-46]
=	59	0	20	3.2	Q7207	-	MODE PIN NO.	DC (V)
_	60	0	21	0	Q7208	-	IC1001	
<u>:0]</u>	61	0	22	3.3			1	3.5
v) - -	62	3.1	23	1.5	[P.2-39 - MODE		3	3.5
-	64	3.3	25	3.2	PIN NO.	DC (V)	4	3.5
4	65	0	26	3.2	IC9201		5	0
$\overline{}$	66	0	27	3.3	1 2	6.1 24.0	7	3.4
0 0 0 3 3 3 0	67	0	28	0	3	1.4	8	3.4
0	69	0	30	3.2	4	0	9	0
0	70	0	31	3.3	5	1.2	10	3.5
3	71 72	0	32	0	7	0.9 3.1	11	0
0	73	0	34	3.3	8	1.0	13	0
.4	74	0	35	0			14	3.5
	75 76	0	36 37	3.3	<connect< td=""><td>OR PWB></td><td>15</td><td>0</td></connect<>	OR PWB>	15	0
.7 .2 0 .9	77	0	38	3.3	[P.2-41 - MODE		16	3.4
0	78	0	39	0	PIN NO.	DC (V)	18	1.7
.9	79	0	40	0	IC4301	10	19	0
.3	80 81	0	41	0	2	4.6	20	3.4
0	82	0	43	0	3	4.5	22	3.4
0 .3 .7	83	0	44	0	4	0	23	3.5
.7	84	3.3	45	1.7	5 6	4.5	24 25	0
.01	85 86	3.3	46	0	7	4.6	26	3.4
(2) (v)	87	3.3	48	3.3	8	8.9	27	3.4
"	88	3.3	49	3.2	IC4501		28	3.5
\exists	89 90	0	50 51	1.3	2	0.5	29 30	3.5
7	91	0	52	0	3	0.1	31	0
3	92	0	53	3.3	4	0	32	0
	93 94	3.3	54 55	3.2	5 6	0.6	33	3.5
6] v)	95	0	56	0	7	0	35	0
۷)	96	0.2	57	3.2	8	3.4	36	1.5
	97	0.7	58	3.2			37	1.8
3	98	5.0	59 60	0	<front l<="" td=""><td>ED PWB></td><td>38</td><td>3.5</td></front>	ED PWB>	38	3.5
0	100	2.2	61	0	[P.2-44] MODE		40	0.0
1	IC7602		62	0.1	PIN NO.	DC (V)	41	0
0	1	0	63 64	0	IC8752		42	0
2 6	3	0	65	0	2	3.6 5.0	43	4.9 4.9
0	4	0	66	3.3	3	0	45	4.9
0	5	3.3	67	3.2	Q8701		46	4.9
0	7	3.3	68 69	0	C	5.0	47	3.5
2	8	3.3	70	3.2	В	0	CN1101	5.5
7	IC7603		71	3.3	Q8702		1	0
0	2	0	72	3.3	E C	5.0 -0.2	3	3.4 4.9
3	3	0	73	3.2	В	-0.2 5.0	4	4.9
7	4	3.3	75	33.2	Q8703		5	3.1
5	5	3.3	76	0	E	0	6	0
5 3 7 5 2 3 0	1C7607	2.0	77	3.6	В	3.2	7	0
0	2	2.1	79	3.3	Q8704	J.2		
0	3	5.0	80	3.1	Е	3.4	<power< td=""><td>R PWB></td></power<>	R PWB>
0	5	1.7	81	3.2	С	3.4	[P.2-47 -	P.2-48]
0	6	5.0	82	3.2	Q8705	0	MODE PIN NO.	DC (V)
0	IC7608		84	3.3	E	0	IC9141	
0	1	2.1	85	3.3	С	0	1	5.6
0	3	2.2 5.0	86 87	3.2	B 09706	3.2	3	0 4.9
2	4	1.7	88	0	Q8706 E	3.5	IC9211	4.9
	5	0	89	3.3	С	3.4	1	2.5
U	6	5.0	90	3.2	B	0	2	2.7
0	1C7609	3.3	91 92	0	Q8707 E	3.6	3	0.7
0 0		0.0						U
0 0 0	2	3.3	93	3.2	С	3.5	5	2.6
0 0 0 0 3	2	3.3	94	0	В	3.5	6	0
0 2 0 0 0 0 0 3 0 0 0	2	3.3		-	-	_		_

					1		
ODE N NO.	DC (V)		MODE PIN NO.	DC (V)		MODE PIN NO.	DC (V)
8708			Q9021			6	1.0
E	5.0		Е	0		7	5.4
C B	-1.2 4.9		C B	0.7	-	8 Q9501	1.1
8710	4.9		Q9151	0.7	ł	Q9501	0
F	0		F	1.3	ł	C	0
C	2.8		C	0		В	0.6
В	0		В	1.9	1	Q9502	
8711			Q9152		1	S	0
Е	0		Е	0		D	373.9
С	2.8		С	3.3		G	0.7
В	0		В	0		Q9503	
8712			Q9211	_	-	E	0
E C	-1.0		S	0	-	C B	0
В	-0.6 0		G	89.0 14.5	-	Q9504	0.6
	0		Q9212	14.5	ł	S	22.3
			F	0	ł	D	37.5
	RD PWE	}>	C	10.1	1	G	20.8
.2-45 - ODE	P.2-46]	1	В	0	1	Q9506	
N NO.	DC (V)		Q9213	_	i	Е	0
1001			1	0	1	C	10.1
1	3.5		2	10.1	1	В	0.2
2	3.5		3	20.1]	Q9541	
3	0		4	20.1		Е	0
4	3.5		5	0		С	0
5	0		6	0		В	3.2
6	3.4		Q9215			Q9602	
7	0		E	0		E	10.9
8	3.4		С	0		С	11.5
9	0		В	0.6	-	В	11.6
10	3.5		Q9216 E	0	-	Q9603 E	0
11	0		C	10.7	-	C	0
13	0		В	0	ł	В	3.2
14	3.5		Q9251	-	ł	Q9606	5.2
15	0		E	0		E	0
16	3.4		C	10.1	1	C	0
17	3.4		В	0.5	ĺ	В	0.6
18	1.7		Q9252			Q9901	
19	0		Е	0	1	Е	0
20	3.4		С	0	1	С	0
21	3.4		В	7.6		В	0.6
22	3.4					Q9931	
23	3.5		[P.2-49 -	P.2-501		E	0
24	0		MODE	DC (V)]	С	0
25	0		PIN NO.	DO (1)		В	0.6
26	3.4		IC9501	<u> </u>		CN000K	0
27	3.4		4	0	-	2	
28 29	3.5 3.5		7	20.1	-	3	8.9 13.1
30	3.5		10	5.0	1	CN000P	10.1
31	0		11	1.2	1	1	24.1
32	0		12	4.9	1	2	24.1
33	3.5		13	3.0		3	24.1
34	0.0		14	0.8	1	4	24.1
35	0		15	4.9	1	5	24.1
36	1.5		16	1.6	1	6	0
37	1.8		19	233.0	1	7	0
38	0		20	231.8]	8	0
39	3.5		23	373.9	1	9	0
40	0		IC9541			10	0
41	0		1	2.4			
42	0		2	0		<regula< td=""><td>TOR PWR</td></regula<>	TOR PWR
43	4.9		3	10.8		[P.2-51 -	P.2-521
44	4.9		IC9602			MODE	DC (V)
45	4.9		1	0		PIN NO.	JU (V)
46	4.9		2	4.7		IC9801	
47	0		3	4.8		1	9.6
48	3.5		4	0		2	24.0

8	1.1
	1.1
Q9501	
	0
E C	0
В	0.6
Q9502	
S	0
D	373.9
G	0.7
	0.7
Q9503	_
E C	0
	0
В	0.6
Q9504	
S	22.3 37.5
D	37.5
G	20.8
	20.0
Q9506	_
E	С
С	10.1
В	0.2
Q9541	
	0
E C	0
В	3.2
	3.2
Q9602	
E	10.9
С	11.5
В	11.6
Q9603	
E	0
C	0
В	
	3.2
Q9606	
Е	0
С	C
В	0.6
Q9901	
Е	0
C	0
В	0.6
	U.b
Q9931	
E	0
С	0
В	0.6
CN000K	
1	0
2	8.9
3	
	13.1
CN000P	
1	24.1
2	24.1
3	24.1
4	24.1
5	24.1
6	0
7	0
8	0
9	0
9	0

MODE PIN NO. IC9861 7.2

7.2 24.0 2.8 0 1.2 0.9 3.1 1.1

0 0 0.6

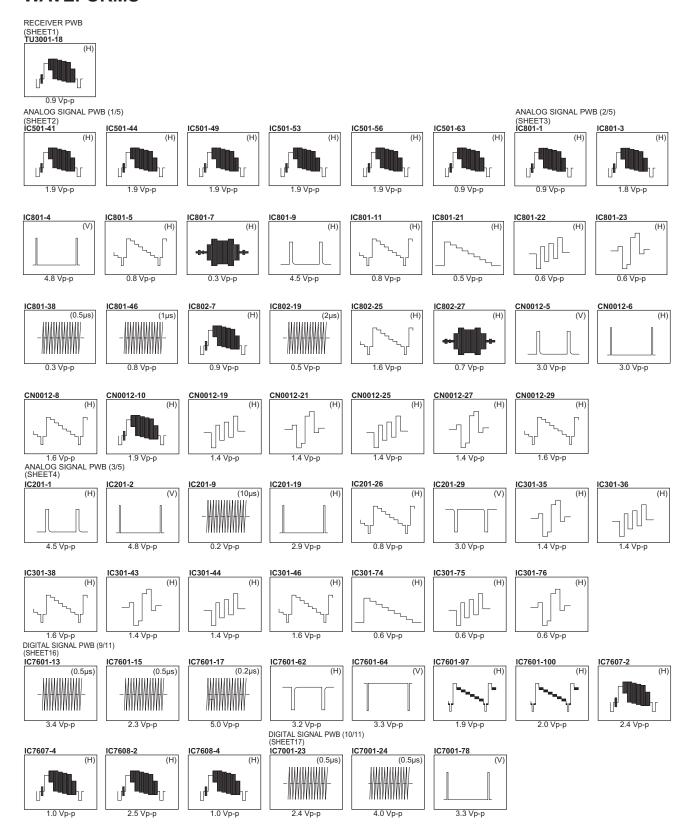
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[P.2-51 - MODE PIN NO.	P.2-52] DC (V)
IC9801	
1	9.6
2	24.0
3	5.1
4	0
5	1.2
6	1.1
7	5.4
8	1.1
IC9821	
1	9.6
2	24.0
3	5.1
4	0
5	1.2
6	0.9
7	4.9
8	0.9
IC9841	
1	7.9
2	24.0
3	3.4
4	0
5	1.2
6	0.9
7	3.2
8	1.1

13.1 24.0 9.0 0 1.2 0.9 5.5 1.0

17.0 24.0 13.1 0 1.2

IC9931

WAVEFORMS







Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

VPT

PARTS LIST

CAUTION

- The parts identified by the A symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

	RESISTORS	CAPACITORS			
CR	Carbon Resistor	C CAP.	Ceramic Capacitor		
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor		
PR	Plate Resistor	M CAP.	Mylar Capacitor		
VR	Variable Resistor	CH CAP.	Chip Capacitor		
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor		
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor		
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor		
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor		
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor		
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor		
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor		
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor		
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor		
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor		
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor		
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor		
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor		
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor		
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor		

	RESISTORS								
F	G	J	K	М	N	R	Н	Z	Р
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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CONNECTOR P.W. BOARD ASS'Y (SFL-4121A-M2)	
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FRONT LED P.W. BOARD ASSIY (SFL-8123A-M2)	
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POWER P.W. BOARD ASS'Y (SFL-9031A-M2)REGULATOR P.W. BOARD ASS'Y (SFL-9131A-M2)	
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RECEIVER P.W. BOARD ASS Y (SFL0F801A-M2)	
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DACKING DADTO LIST II T 27V77C/KA1	2 50

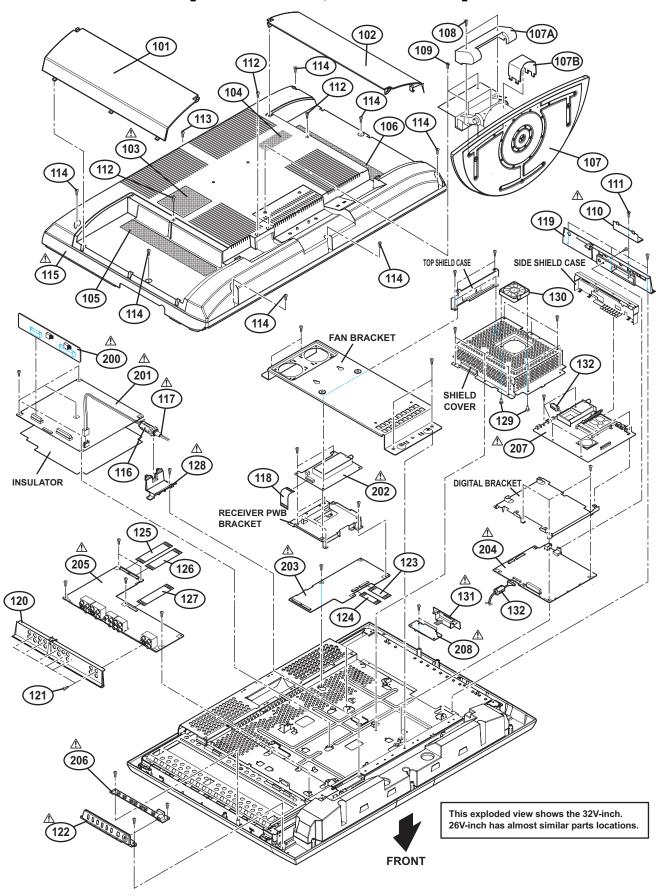
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	LT-26X776/KA	LT-32X776/KA	LT-37X776/KA
ANALOG SIGNAL P.W.B	SFL-1121A-M2	←	SFL-1122A-M2
CONNECTOR P.W.B	SFL-4121A-M2	←	←
FRONT CONTROL P.W.B	SFL-7101A-M2	←	←
FRONT LED P.W.B	SFL-8123A-M2	←	←
SD CARD P.W.B	SFL-8304A-M2	←	←
POWER P.W.B	SFL-9031A-M2	SFL-9030A-M2	SFL-9029A-M2
REGULATOR P.W.B	SFL-9131A-M2	SFL-9130A-M2	SFL-9129A-M2
DIGITAL SIGNAL P.W.B	SFL0D133A-M2	SFL0D132A-M2	SFL0D131A-M2
RECEIVER P.W.B	SFL0F801A-M2	←	←
DIGITAL TUNER MODULE P.W.B	SSD-2101A-M2	←	←
REMOTE CONTROL UNIT	RM-C14G-1H	←	←

EXPLODED VIEW PARTS LIST -1 [LT-26X776/KA, LT-32X776/KA]

⚠	Ref.No.	Part No.	Part Name	Description	Local
҈	101 101 102 102 103 104 105 106	LC12319-001A-0K LC12325-001A-0K LC12319-002A-0K LC12325-001A-0K LC32830-001A-A LC41424-001A-A LC33167-002A LC33168-002A	JACK COVER R JACK COVER R JACK COVER L JACK COVER L RATING LABEL HDMI WARNING OPERATION SHEET OPERATION SHEET		LT-26X776/KA LT-32X776/KA LT-26X776/KA LT-32X776/KA
	107 107A 107B	LC42220-001A-C T0014-01 T0016-02	STAND ASSY STAND COVER CORD COVER	Inc.107A-107B	
	108 109	QYSPSPD3016Z QYSPSPD5014MA	SCREW SCREW	M3 x 16mm(x2) M5 x 14mm(x4)	
⚠	110 111 112 113 114	LC32760-001A-HK QYSBSF3010M QYSBSF3010M QYSPSPD3008M QYSBSFG4016MA	SERVICE COVER TAP SCREW TAP SCREW SCREW TAP SCREW	M3 x 10mm M3 x 10mm(x2) M3 x 8mm M4 x 16mm(x7)	
<u>^</u>	115 115	LC12409-002A-0K LC12408-002A-0K	REAR COVER REAR COVER	WIF X TOTHIN(X7)	LT-26X776/KA LT-32X776/KA
⚠	116 117 118 119 120	QQR0491-001 QMPD460-170-JC QUQ105-4006AL LC21597-005B-HK LC21596-006A-HK	FERRITE CORE POWER CORD(US/CA) FFC WIRE TUNER BASE TERMINAL BASE	1.7m BLACK 40pin 6cm	
<u>^</u>	121 122 122 123 124	QYSBSF3010M LC33196-003A-0K LC33196-003B-0K QUQ105-5004AA QUQ105-3004AA	TAP SCREW CONTROL ASSY CONTROL ASSY FFC WIRE FFC WIRE	M3 x 10mm(x6) 50pin 4cm 30pin 4cm	LT-26X776/KA LT-32X776/KA
⚠	125 125 126 126 127 128	QUQ105-5013AE QUQ105-5013AE-E QUQ105-5013AE QUQ105-5013AE-E QUQK12-2106CH-E LC21348-001D-HK	FFC WIRE FFC WIRE FFC WIRE FFC WIRE FFC WIRE POWER CORD HOLDER	50pin 13cm 50pin 13cm 50pin 13cm 50pin 13cm 21pin 6cm	LT-26X776/KA LT-32X776/KA LT-26X776/KA LT-32X776/KA
Δ	129 130 131	LC42223-001A QAR0362-002 LC33113-003A-HK	RIVET COOLING FAN CARD BASE	(x2)	LT-26X776/KA
<u>A</u>	131 132	LC33113-003A-HK LC33126-002A-HK QQR0490-001	CARD BASE CARD BASE NOISE FILTER	(x2)	LT-32X776/KA
<u>^</u>	200 200 201 201 202 203	SFL-9131A-M2 SFL-9130A-M2 SFL-9031A-M2 SFL-9030A-M2 SFL0F801A-M2 SFL-4121A-M2	REGULATOR PWB REGULATOR PWB POWER PWB POWER PWB RECEIVER PWB CONNECTOR PWB		LT-26X776/KA LT-32X776/KA LT-26X776/KA LT-32X776/KA
	204 204 205 206 207 208	SFL0D133A-M2 SFL0D132A-M2 SFL-1121A-M2 SFL-7101A-M2 SSD-2101A-M2 SFL-8304A-M2	DIGITAL SIGNAL PWB DIGITAL SIGNAL PWB ANALOG SIGNAL PWB FRONT CONTROL PWB DIGITAL TUNER MODULE PWB SD CARD PWB		LT-26X776/KA LT-32X776/KA

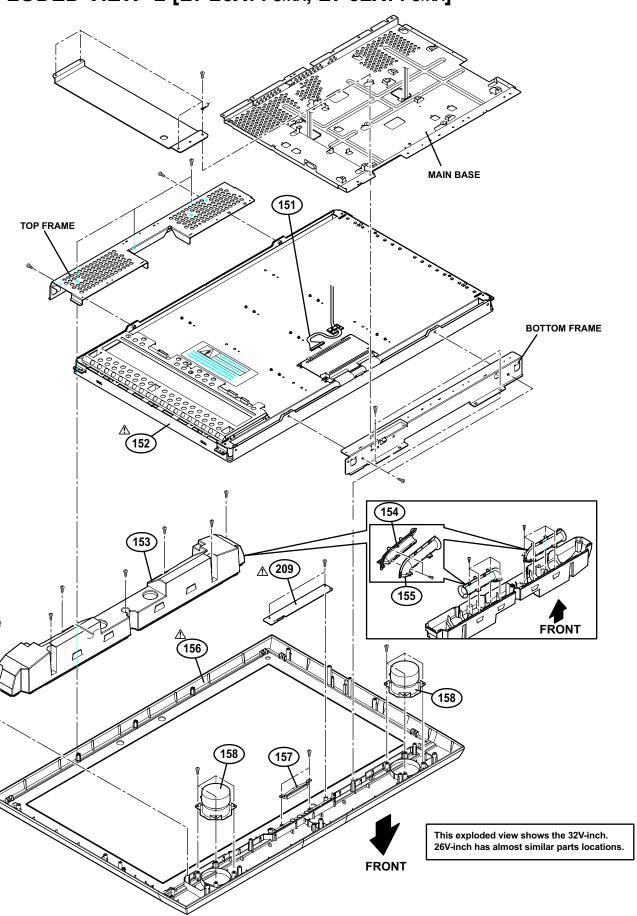
EXPLODED VIEW -1 [LT-26X776/KA, LT-32X776/KA]



EXPLODED VIEW PARTS LIST -2 [LT-26X776/KA, LT-32X776/KA]

⚠	Ref.No.	Part No.	Part Name	Description	Local
<u>^</u>	151 152 152 153	WJW0021-001A-E QLD0373-001-JIM QLD0374-001-JIM LC12253-001E-HK	DIGITAL(LVDS) CABLE LCD PANEL UNIT LCD PANEL UNIT SPEAKER BOX		LT-26X776/KA LT-32X776/KA
<u>^</u>	154 155 156 156 157 158	LC21340-001C-HK LC21339-001B-HK LC21314-002A-0K LC12314-002A-0K LC12321-002A-0K LC33125-001B-HK QAS0142-001	DUCT COVER DUCT BASE FRONT PANEL ASSY FRONT PANEL ASSY LED LENS SPEAKER	(x2) (x2) SP01/SP02(x2)	LT-26X776/KA LT-32X776/KA
⚠	209	SFL-8123A-M2	FRONT LED PWB		

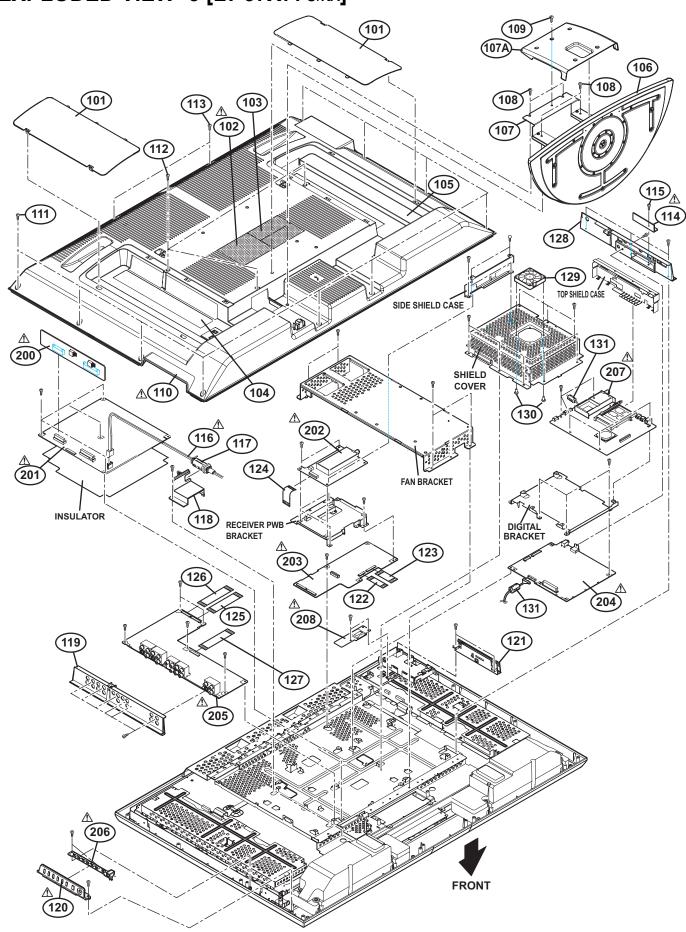
EXPLODED VIEW -2 [LT-26X776/KA, LT-32X776/KA]



EXPLODED VIEW PARTS LIST -3 [LT-37X776/KA]

⚠	Ref.No.	Part No.	Part Name	Description	Local
A	101 102 103 104 105 106	LC12199-001A-0K LC32830-001A-A LC41424-001A-A LC33167-002A LC33168-002A LC42289-001A-C	JACK COVER RATING LABEL HDMI WARNING OPERATION SHEET OPERATION SHEET STAND BASE UNIT	(x2)	
	107 107A	LC42292-001A-C T0106-01	SUPPORT UNIT STAND COVER		
Δ Δ Δ	108 109 110 111 112 113 114 115 116 117 118 120 121 122 123 124 125 126 127 128 129 130	QYSPSPD5014MA QYSPSPD3020ZA LC12359-002C-0K QYSBSFG4016MA QYSBSF3010M QYSPSPD3006M LC32760-001A-HK QYSBSF3010M QMPD460-170-JC QQR0942-001 LC33103-001A LC21596-006A-HK LC33196-003A-0K LC33197-004A-0K QUQ105-3004AA QUQ105-5004AA-E QUQ105-5004AA-E QUQ105-5013AE QUQ105-5013AE QUQ105-5013AE QUQK12-2106CH-E LC21597-005B-HK QAR0362-002 LC42223-001A	SCREW SCREW REAR COVER TAP SCREW TAP SCREW SCREW SCREW SERVICE COVER TAP SCREW POWER CORD (US/CA) CORE FILTER POWER CORD HOLDER TERMINAL BASE CONTROL ASSY CARD BASE FFC WIRE TUNER BASE COOLING FAN RIVET	M5 x 14mm(x4) M3 x 20mm M4 x 16mm(x10) M3 x 10mm(x3) M3 x 6mm(x2) M3 x 10mm 1.7m BLACK 30pin 4cm 50pin 4cm 40pin 6cm 50pin 13cm 50pin 13cm 21pin 6cm	
A A A A A A A A	130 200 201 202 203 204 205 206 207 208	QQR0490-001 SFL-9129A-M2 SFL-9029A-M2 SFL-9029A-M2 SFL-4121A-M2 SFL-4121A-M2 SFL-1122A-M2 SFL-1122A-M2 SFL-7101A-M2 SSD-2101A-M2 SFL-8304A-M2	RIVET NOISE FILTER REGULATOR PWB POWER PWB RECEIVER PWB CONNECTOR PWB DIGITAL SIGNAL PWB ANALOG SIGNAL PWB FRONT CONTROL PWB DIGITAL TUNER MODULE PWB SD CARD PWB	(x2) (x2)	

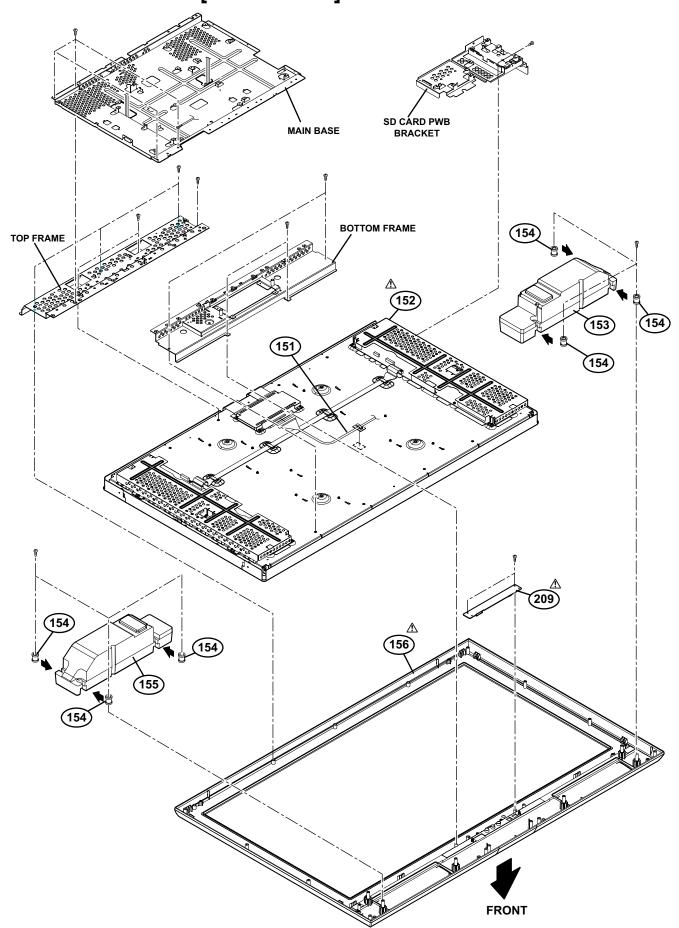
EXPLODED VIEW -3 [LT-37X776/KA]



EXPLODED VIEW PARTS LIST -4 [LT-37X776/KA]

Δ	Ref.No.	Part No.	Part Name	Description	Local
⚠	151 152 153 154 155 156	WJW0021-002A-E QLD0375-001-JIM LC41913-004A-C LC40226-002A-A LC41913-003A-C LC12381-002A-0K	DIGITAL(LVDS) CABLE LCD PANEL UNIT SPEAKER ASSY(L) SPACER SPEAKER ASSY(R) FRONT PANEL ASSY	(x6)	
⚠	209	SFL-8123A-M2	FRONT LED PWB		

EXPLODED VIEW -4 [LT-37X776/KA]



PRINTED WIRING BOARD PARTS LIST [LT-26X776/KA]

	OG SIGNAL P.\ 121A-M2)	W. BOARD ASS'Y		Ref No.	Part No.	Part Name	Description Local
IC201 IC301 IC501 IC502 IC503 IC504 IC711 IC802 IC902 IC902 IC902 IC902 IC903 IC6001 IC6521 IC6551 IC6552 IC6661	Part No. TA1370FG-X AN15852A CXA2069Q MM1510XN-X MM1510XN-X CXA1875AM-X TB1274AF TC90A69AF-X TA48M033F-X BA90BC0FP-X NJM2777M-X PQ20WZ11-X NJW1164M-W RC4558D-X RC4558D-X LM393DR-X TDA8925ST/N1	Part Name IC	Description Local 3.3V Regulator	D2017 D2053 D2054 D2205 D2206 D2207 D6001 D6002 D6201 D6431 D6432 D6433 D6504 D6502 D6503 D6504 D6601 D6663 D6664 D6671 D6672 D6673	UDZS10B-X UDZS10B-X UDZS10B-X UDZS10B-X UDZS10B-X UDZS10B-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X UDZS6.2B-X UDZS3.3B-X UDZS20B-X UDZS20B-X UDZS20B-X UDZS20B-X	Z DIODE SI DIODE Z DIODE	
Q301 Q302 Q303 Q307 Q402	2SC3837K/NP/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SA1530A/QR/-X SSM3K17FU-X	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR MOS FET		D6674 D6681 D6682 D6683 DB201	UDZS20B-X 1SS355-X 1SS355-X 1SS355-X UDZS3.3B-X	Z DIÓDE SI DIODE SI DIODE SI DIODE Z DIODE	
Q403 Q404 Q405 Q507 Q508 Q509 Q801 Q802 Q810 Q851 Q853 Q854 Q855 Q858 Q859 Q862 Q803 Q2051 Q2052 Q2055 Q6301 Q6302 Q6431 Q6522 Q6523 Q6531 Q6532 Q6533 Q6534 Q6538 Q6538 Q6538 Q6539 Q6661 Q6662 Q6663 Q66673	SSM3K17FU-X SSM3K17FU-X SSM3K17FU-X SSM3K17FU-X SSM3K17FU-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SC3928A/QR/-X	MOS FET MOS FET MOS FET TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR TRANSISTOR TRANSISTOR DIGI TRANSISTOR TRANSISTOR		C201 C202 C203 C204 C205 C206 C207 C301 C302 C313 C314 C315 C316 C317 C318 C319 C320 C321 C322 C323 C324 C325 C326 C327 C328 C329 C330 C337 C341 C342 C343 C346 C349 C342 C342 C342 C342 C342 C342 C342 C342	NCB31HK-103X NEHL1HM-225X NCB31HK-103X NELA1AM-157X NEHA1HM-105X NCB21CK-474X NCF31CZ-104X NCF31CZ-104X NCF31CZ-104X NCB31HK-103X NCB31CK-105X NCB21CK-105X NCB31HK-103X NCB31	C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C C C C C C C C C C C C C C C C C C C	0.01uF 50V K 2.2uF 50V M 0.01uF 50V K 150uF 10V M 1uF 50V M 0.47uF 16V Z 0.1uF 16V Z 47uF 16V M 0.01uF 50V K 10.01uF 50V K 0.01uF 50V K 0.01uF 16V M 0.1uF 16V M 0.1uF 16V M 0.1uF 16V K 1uF 16V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 16V Z 0.1uF 16V Z 0.1uF 16V Z
D901 D902 D903 D904 D905 D2001 D2002 D2004 D2005 D2006 D2007 D2008 D2010 D2011 D2012 D2013 D2014 D2015 D2016	NRSA02J-0R0X 1SS355-X PTZ11B-X PTZ6.8B-X MA8030/H/-X UDZS10B-X	MG RESISTOR SI DIODE Z DIODE	0Ω 1/10W J	C403 C404 C405 C406 C501 C502 C503 C505 C506 C515 C518 C519 C520 C521 C522 C523 C524 C525	NEHL1CM-476X NCB31HK-104X NCB11AK-475X NCB11AK-475X NEHL1CM-476X NEHL1CM-476X NENA1EM-106X NDC31HJ-270X NCB21CK-105X NEHL1CM-106X NEHL1AM-107X NEHL1CM-106X NCB21CK-105X NEHL1CM-106X NCB21CK-105X NEHL1CM-106X NEHL1CM-106X NEHL1CM-106X NCB21CK-105X NEHL1CM-106X NCB21CK-105X NEHL1CM-106X NCB21CK-105X NCB21CK-105X NCB21CK-105X NCB21CK-105X NCB21CK-105X NCB21CK-105X	E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR BP E CAPACITOR BP E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR	47uF 16V M 0.1uF 50V K 4.7uF 10V K 4.7uF 16V M 47uF 16V M 47uF 16V M 10uF 25V M 10uF 25V M 27pF 50V J 1uF 16V M 100uF 16V M 100uF 16V M 10uF 16V M

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
C526 C527	NEHL1AM-107X	E CAPACITOR	100uF 10V M 10uF 16V M	C2011 C2012	NCB11CK-225X NCB11CK-225X	C CAPACITOR C CAPACITOR	2.2uF 16V K
C541	NEHL1CM-106X NCB31HK-103X	E CAPACITOR C CAPACITOR	0.01uF 50V K	C2014	NCB11CK-225X	C CAPACITOR C CAPACITOR	2.2uF 16V K 2.2uF 16V K
C542	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C543	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2016	NCB11AK-106X	C CAPACITOR	10uF 10V K
C544	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2017	NCB11AK-106X	C CAPACITOR	10uF 10V K
C545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2018	NCB11AK-106X	C CAPACITOR	10uF 10V K
C711	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C2019	NCB11AK-106X	C CAPACITOR	10uF 10V K
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C2020	NCB11AK-106X	C CAPACITOR	10uF 10V K
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2055	NCB31CK-105X	C CAPACITOR	1uF 16V K
C804	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C2204	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2205	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2206	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C6001	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C6002	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6003	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V M	C6004	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C819	NDC31HJ-100X	C CAPACITOR	10pF 50V J	C6005	NEH71HM-105X	E CAPACITOR	1uF 50V M
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	C6006	NEH71HM-105X	E CAPACITOR	1uF 50V M
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6007	QETN1AM-108Z	E CAPACITOR	1000uF 10V M
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C6008	NEHL1HM-106X	E CAPACITOR	10uF 50V M
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	C6009	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C6202	NEHL1EM-336X	E CAPACITOR	33uF 25V M
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V M	C6203	NEHL1EM-336X	E CAPACITOR	33uF 25V M
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	C6204	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6205	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C6301	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6302	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6431	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C853	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C6505	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6510	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6521	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	C6526	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6527	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6528	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6533	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6534	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6535	NEH71HM-105X	E CAPACITOR	1uF 50V M
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6536	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C6537	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	C6538	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	C6539	NCB31CK-104X	E CAPACITOR	0.1uF 16V K
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6540	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6541	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6542	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6543	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6544	NEH71HM-105X	E CAPACITOR	1uF 50V M
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6551	NEH71HM-105X	E CAPACITOR	1uF 50V M
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6552	NEH71HM-105X	E CAPACITOR	1uF 50V M
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6553	NCB31CK-683X	C CAPACITOR	0.068uF 16V K
C886	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C6554	NCB31CK-683X	C CAPACITOR	0.068uF 16V K
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6555	NCB31CK-683X	C CAPACITOR	0.068uF 16V K
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6556	NCB31CK-683X	C CAPACITOR	0.068uF 16V K
C889	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C6557	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C890	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C6559	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C6561	NEH71HM-105X	E CAPACITOR	1uF 50V M
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C6562	NEHL1HM-225X	E CAPACITOR	2.2uF 50V M
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C6563	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C6564	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C901	NEHM1HM-105X	E CAPACITOR	1uF 50V M	C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	C6585	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C906	NEHM1CM-476X	E CAPACITOR	47uF 16V M	C6586	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C912	NEHM1CM-476X	E CAPACITOR	47uF 16V M	C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	C6605	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C915	NEHM1CM-476X	E CAPACITOR	47uF 16V M	C6606	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	C6621	NCB31HK-332X	C CAPACITOR	3300pF 50V K
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6622	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C2003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6623	NEHL1EM-226X	E CAPACITOR	22uF 25V M
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C6624	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C6625	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6626	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C2009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6627	NCB31EK-104X	C CAPACITOR	0.1uF 25V K

C6628 NEHL1EM-226X E CAPACITOR 22uF 25V M R531 NRSA63J-221X MG RESISTOR C6629 NCB31HK-222X C CAPACITOR 2200pF 50V K R532 NRSA63J-0R0X MG RESISTOR C6630 NCB31EK-104X C CAPACITOR 2200pF 50V K R533 NRSA63J-0R0X MG RESISTOR C6631 NCB31HK-322X C CAPACITOR 2300pF 50V K R534 NRSA63J-102X MG RESISTOR C6632 NCB31HK-332X C CAPACITOR 3300pF 50V K R538 NRSA63J-882X MG RESISTOR C6661 NCB11EK-105X C CAPACITOR 1uF 25V K R539 NRSA63J-882X MG RESISTOR C6662 NCB11EK-105X C CAPACITOR 1uF 25V K R540 NRSA63J-682X MG RESISTOR C6663 NCB31HK-104X C CAPACITOR 0.1uF 50V K R541 NRSA63J-0R0X MG RESISTOR C6664 QETN1HM-226Z E CAPACITOR 0.1uF 50V K R574 NRSA63J-222X MG RESISTOR C66669 QETN1HM-226Z E CAPACITOR 0.1uF 50V K R576	Description Loca
C6630 NCB31EK-104X C CAPACITOR 0.1 uF 25V K R534 NRSA63J-0R0X MG RESISTOR C6631 NCB31HK-222X C CAPACITOR 2200pF 50V K R534 NRSA63J-102X MG RESISTOR C6632 NCB31HK-332X C CAPACITOR 3300pF 50V K R538 NRSA63J-0R0X MG RESISTOR C6661 NCB31HK-105X C CAPACITOR 1 uF 25V K R539 NRSA63J-0R0X MG RESISTOR C6662 NCB31HK-105X C CAPACITOR 0.1 uF 50V K R540 NRSA63J-0R0X MG RESISTOR C6663 NCB31HK-104X C CAPACITOR 0.1 uF 50V K R541 NRSA63J-222X MG RESISTOR C6664 QETN1HM-226Z E CAPACITOR 0.1 uF 50V K R573 NRSA63J-222X MG RESISTOR C6665 NCB31HK-104X C CAPACITOR 0.1 uF 50V K R574 NRSA63J-222X MG RESISTOR C6666 QETN1HM-226Z E CAPACITOR 0.1 uF 50V K R576 NRSA63J-222X MG RESISTOR C6667 NCB31HK-104X C CAPACITOR 0.1 uF 50V K R576<	220Ω 1/16W J
C6631 NCB31HK-322X C CAPACITOR 2200pF 50V K R534 NRSA63J-102X MG RESISTOR C6661 NCB31HK-332X C CAPACITOR 3300pF 50V K R538 NRSA63J-682X MG RESISTOR C6661 NCB11EK-105X C CAPACITOR 1uF 25V K R539 NRSA63J-0R0X MG RESISTOR C6662 NCB11EK-105X C CAPACITOR 1uF 25V K R540 NRSA63J-082X MG RESISTOR C6663 NCB31HK-104X C CAPACITOR 0.1uF 50V K R541 NRSA63J-082X MG RESISTOR C6665 NCB31HK-104X C CAPACITOR 22uF 50V M R573 NRSA63J-222X MG RESISTOR C6666 NCB31HK-104X C CAPACITOR 22uF 50V M R573 NRSA63J-222X MG RESISTOR C6666 QETN1HM-226Z E CAPACITOR 22uF 50V M R575 NRSA63J-222X MG RESISTOR C6666 NDC31HJ-561X C CAPACITOR 0.1uF 50V K R576 NRSA63J-222X MG RESISTOR C6669 QFV21HJ-224Z MF CAPACITOR 0.5uF 50V J R577	0Ω 1/16W J 0Ω 1/16W J
C6661 NCB11EK-105X C CAPACITOR 1 uF 25V K R539 NRSA63J-0R0X MG RESISTOR C6662 NCB11EK-105X C CAPACITOR 1 uF 25V K R540 NRSA63J-0R0X MG RESISTOR C6663 NCB31HK-104X C CAPACITOR 0.1 uF 50V K R541 NRSA63J-0R0X MG RESISTOR C6664 QETN1HM-226Z E CAPACITOR 22 uF 50V M R573 NRSA63J-222X MG RESISTOR C6665 NCB31HK-104X C CAPACITOR 0.1 uF 50V K R574 NRSA63J-222X MG RESISTOR C6666 QETN1HM-226Z E CAPACITOR 22 uF 50V M R575 NRSA63J-222X MG RESISTOR C6666 QETN1HM-226Z E CAPACITOR 0.1 uF 50V K R576 NRSA63J-222X MG RESISTOR C6667 NCB31HK-104X C CAPACITOR 560pF 50V J R577 NRSA63J-222X MG RESISTOR C6670 QFV1HJ-224Z MF CAPACITOR 0.22 uF 50V J R578 NRSA63J-222X MG RESISTOR C6671 NCB31HK-153X C CAPACITOR 0.10 uF 50V K R580 <td>1kΩ 1/16W J</td>	1kΩ 1/16W J
C6662 NCB11EK-105X C CAPACITOR 1uF 25V K R540 NRSA63J-682X MG RESISTOR C6663 NCB31HK-104X C CAPACITOR 0.1uF 50V K R541 NRSA63J-0R0X MG RESISTOR C6664 QETN1HM-226Z E CAPACITOR 22uF 50V M R573 NRSA63J-222X MG RESISTOR C6665 NCB31HK-104X C CAPACITOR 0.1uF 50V K R574 NRSA63J-222X MG RESISTOR C6666 QETN1HM-226Z E CAPACITOR 22uF 50V M R575 NRSA63J-222X MG RESISTOR C6667 NCB31HK-104X C CAPACITOR 0.1uF 50V K R576 NRSA63J-222X MG RESISTOR C6668 NDC31HJ-561X C CAPACITOR 0.1uF 50V K R577 NRSA63J-222X MG RESISTOR C6670 QFV1HJ-224Z MF CAPACITOR 0.22uF 50V J R578 NRSA63J-262X MG RESISTOR C6671 NCB31HK-153X C CAPACITOR 0.47uF 50V J R579 NRSA63J-222X MG RESISTOR C6672 QETN1EM-477Z E CAPACITOR 0.01suF 50V K R580	6.8kΩ 1/16W J 0Ω 1/16W J
C6664 QETN1HM-226Z E CAPACITOR 22uF 50V M R573 NRSA63J-222X MG RESISTOR C6665 NCB31HK-104X C CAPACITOR 0.1uF 50V K R574 NRSA63J-222X MG RESISTOR C6666 QETN1HM-226Z E CAPACITOR 22uF 50V M R575 NRSA63J-262X MG RESISTOR C6667 NCB31HK-104X C CAPACITOR 0.1uF 50V K R576 NRSA63J-222X MG RESISTOR C6668 NDC31HJ-561X C CAPACITOR 560pF 50V J R577 NRSA63J-222X MG RESISTOR C6669 QFV21HJ-224Z MF CAPACITOR 0.22uF 50V J R578 NRSA63J-222X MG RESISTOR C6671 NCB31HK-153X C CAPACITOR 0.47uF 50V J R579 NRSA63J-222X MG RESISTOR C6672 QETN1EM-477Z E CAPACITOR 0.015uF 50V K R580 NRSA63J-222X MG RESISTOR C6674 QETN1EM-477Z E CAPACITOR 0.1uF 50V K R711 NRSA63J-262X MG RESISTOR C6674 QETN1EM-477Z E CAPACITOR 0.1uF 50V K R711	6.8kΩ 1/16W J
C6665 NCB31HK-104X C CAPACITOR 0.1uF 50V K R574 NRSA63J-222X MG RESISTOR C6666 QETN1HM-226Z E CAPACITOR 22uF 50V M R575 NRSA63J-562X MG RESISTOR C6667 NCB31HK-104X C CAPACITOR 0.1uF 50V K R576 NRSA63J-222X MG RESISTOR C6668 NDC31HJ-561X C CAPACITOR 560pF 50V J R577 NRSA63J-222X MG RESISTOR C6669 QFV21HJ-224Z MF CAPACITOR 0.22uF 50V J R578 NRSA63J-222X MG RESISTOR C6670 QFV1HJ-474Z MF CAPACITOR 0.47uF 50V J R579 NRSA63J-222X MG RESISTOR C6671 NCB31HK-153X C CAPACITOR 0.015uF 50V K R580 NRSA63J-222X MG RESISTOR C6672 QETN1EM-477Z E CAPACITOR 0.10F 50V K R581 NRSA63J-262X MG RESISTOR C6674 QETN1EM-477Z E CAPACITOR 0.1uF 50V K R711 NRSA63J-100X MG RESISTOR C6674 QETN1EM-477Z E CAPACITOR 0.1uF 50V K R711	0Ω 1/16W J 2.2kΩ 1/16W J
C6667 NCB31HK-104X C CAPACITOR 0.1uF 50V K R576 NRSA63J-222X MG RESISTOR C6668 NDC31HJ-561X C CAPACITOR 560pF 50V J R577 NRSA63J-222X MG RESISTOR C6669 QFV21HJ-224Z MF CAPACITOR 0.22uF 50V J R578 NRSA63J-562X MG RESISTOR C6670 QFVF1HJ-474Z MF CAPACITOR 0.47uF 50V J R579 NRSA63J-222X MG RESISTOR C6671 NCB31HK-153X C CAPACITOR 0.015uF 50V K R580 NRSA63J-222X MG RESISTOR C6672 QETN1EM-477Z E CAPACITOR 470uF 25V M R581 NRSA63J-222X MG RESISTOR C6673 NCB31HK-104X C CAPACITOR 0.1uF 50V K R711 NRSA63J-562X MG RESISTOR C6674 QETN1EM-477Z E CAPACITOR 0.1uF 50V K R711 NRSA63J-101X MG RESISTOR C6675 NCB31HK-104X C CAPACITOR 470uF 25V M R713 NRSA63J-101X MG RESISTOR C6675 NCB31HJ-561X C CAPACITOR 0.1uF 50V K R714 <td>2.2kΩ 1/16W J</td>	2.2kΩ 1/16W J
C6668 NDC31HJ-561X C CAPACITOR 560pF 50V J R577 NRSA63J-222X MG RESISTOR C6669 QFV21HJ-224Z MF CAPACITOR 0.22uF 50V J R578 NRSA63J-222X MG RESISTOR C6670 QFVF1HJ-474Z MF CAPACITOR 0.47uF 50V J R579 NRSA63J-222X MG RESISTOR C6671 NCB31HK-153X C CAPACITOR 0.015uF 50V K R580 NRSA63J-222X MG RESISTOR C6672 QETN1EM-477Z E CAPACITOR 470uF 25V M R581 NRSA63J-562X MG RESISTOR C6673 NCB31HK-104X C CAPACITOR 0.1uF 50V K R711 NRSA63J-562X MG RESISTOR C6674 QETN1EM-477Z E CAPACITOR 0.1uF 50V K R711 NRSA63J-101X MG RESISTOR C6675 NCB31HK-104X C CAPACITOR 0.1uF 50V K R714 NRSA63J-101X MG RESISTOR C6676 NDC31HJ-561X C CAPACITOR 560pF 50V J R715 NRSA63J-101X MG RESISTOR C6677 NDC31HJ-561X C CAPACITOR 560pF 50V J R716 <td>5.6kΩ 1/16W J 2.2kΩ 1/16W J</td>	5.6kΩ 1/16W J 2.2kΩ 1/16W J
C6670 QFVF1HJ-474Z MF CAPACITOR 0.47uF 50V J R579 NRSA63J-222X MG RESISTOR C6671 NCB31HK-153X C CAPACITOR 0.015uF 50V K R580 NRSA63J-222X MG RESISTOR C6672 QETN1EM-477Z E CAPACITOR 470uF 25V M R581 NRSA63J-562X MG RESISTOR C6673 NCB31HK-104X C CAPACITOR 0.1uF 50V K R711 NRSA63J-9R0X MG RESISTOR C6674 QETN1EM-477Z E CAPACITOR 470uF 25V M R713 NRSA63J-101X MG RESISTOR C6675 NDC31HJ-561X C CAPACITOR 0.1uF 50V K R714 NRSA63J-101X MG RESISTOR C6676 NDC31HJ-561X C CAPACITOR 560pF 50V J R715 NRSA63J-101X MG RESISTOR C6677 NDC31HJ-561X C CAPACITOR 560pF 50V J R716 NRSA63J-101X MG RESISTOR	2.2kΩ 1/16W J
C6671 NCB31HK-153X C CAPACITOR 0.015uF 50V K R580 NRSA63J-222X MG RESISTOR C6672 QETN1EM-477Z E CAPACITOR 470uF 25V M R581 NRSA63J-562X MG RESISTOR C6673 NCB31HK-104X C CAPACITOR 0.1uF 50V K R711 NRSA63J-0R0X MG RESISTOR C6674 QETN1EM-477Z E CAPACITOR 470uF 25V M R713 NRSA63J-101X MG RESISTOR C6675 NCB31HK-104X C CAPACITOR 0.1uF 50V K R714 NRSA63J-0R0X MG RESISTOR C6676 NDC31HJ-561X C CAPACITOR 560pF 50V J R715 NRSA63J-101X MG RESISTOR C6677 NDC31HJ-561X C CAPACITOR 560pF 50V J R716 NRSA63J-101X MG RESISTOR	5.6kΩ 1/16W J 2.2kΩ 1/16W J
C6673 NCB31HK-104X C CAPACITOR 0.1uF 50V K R711 NRSA63J-0R0X MG RESISTOR C6674 QETN1EM-477Z E CAPACITOR 470uF 25V M R713 NRSA63J-101X MG RESISTOR C6675 NCB31HK-104X C CAPACITOR 0.1uF 50V K R714 NRSA63J-0R0X MG RESISTOR C6676 NDC31HJ-561X C CAPACITOR 560pF 50V J R715 NRSA63J-101X MG RESISTOR C6677 NDC31HJ-561X C CAPACITOR 560pF 50V J R716 NRSA63J-101X MG RESISTOR	2.2kΩ 1/16W J
C6675 NCB31HK-104X C CAPACITOR 0.1uF 50V K R714 NRSA63J-0R0X MG RESISTOR C6676 NDC31HJ-561X C CAPACITOR 560pF 50V J R715 NRSA63J-101X MG RESISTOR C6677 NDC31HJ-561X C CAPACITOR 560pF 50V J R716 NRSA63J-101X MG RESISTOR	5.6kΩ 1/16W J 0Ω 1/16W J
C6676 NDC31HJ-561X C CAPACITOR 560pF 50V J R715 NRSA63J-101X MG RESISTOR C6677 NDC31HJ-561X C CAPACITOR 560pF 50V J R716 NRSA63J-101X MG RESISTOR	100Ω 1/16W J
	0Ω 1/16W J 100Ω 1/16W J
	100Ω 1/16W J 10kΩ 1/16W J
C6679 QFVF1HJ-474Z MF CAPACITOR 0.47uF 50V J R718 NRSA63J-101X MG RESISTOR	100Ω 1/16W J
C6680 NCB31HK-153X C CAPACITOR 0.015uF 50V K R719 NRSA63J-103X MG RESISTOR C6681 NDC31HJ-561X C CAPACITOR 560pF 50V J R720 NRSA63J-101X MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J
C6682 NCB31HK-104X C CAPACITOR 0.1úF 50V K R722 NRSA63J-102X MG RESISTOR	1kΩ 1/16W J
C6683 NCB31HK-104X C CAPACITOR 0.1uF 50V K R801 NRSA63J-222X MG RESISTOR C6684 NCB31HK-104X C CAPACITOR 0.1uF 50V K R802 NRSA63J-222X MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J
C6685 QETN1EM-477Z E CAPACITOR 470uF 25V M R803 NRSA63J-332X MG RESISTOR	3.3kΩ 1/16W J
C6687 QETN1EM-477Z E CAPACITOR 470uF 25V M R804 NRSA63J-222X MG RESISTOR C6688 NCB31HK-104X C CAPACITOR 0.1uF 50V K R805 NRSA63J-222X MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J
C6693 NEHL1CM-476X E CAPACITOR 47uF 16V M R806 NRSA63J-332X MG RESISTOR	3.3kΩ 1/16W J
R807 NRSA63J-752X MG RESISTOR R201 NRSA63J-0R0X MG RESISTOR 0 Ω 1/16W J R808 NRSA63J-101X MG RESISTOR	7.5kΩ 1/16W J 100Ω 1/16W J
R202 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R809 NRSA63J-101X MG RESISTOR	100Ω 1/16W J
R203 NRSA63J-822X MG RESISTOR 8.2k Ω 1/16W J R816 NRSA63J-273X MG RESISTOR R204 NRSA63J-331X MG RESISTOR 330 Ω 1/16W J R817 NRSA63J-103X MG RESISTOR	27kΩ 1/16W J 10kΩ 1/16W J
R207 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R818 NRSA63J-332X MG RESISTOR	3.3kΩ 1/16W J
R208 NRSA63J-0R0X MG RESISTOR 0 Ω 1/16W J R819 NRSA63J-103X MG RESISTOR R210 NRSA63J-0R0X MG RESISTOR 0 Ω 1/16W J R839 NRSA63J-222X MG RESISTOR	10kΩ 1/16W J 2.2kΩ 1/16W J
R211 NRSA63J-222X MG RESISTOR 2.2kΩ 1/16W J R840 NRSA63J-101X MG RESISTOR	100Ω 1/16W J
R215 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R852 NRSA63J-391X MG RESISTOR	390Ω 1/16W J 390Ω 1/16W J
R217 NRSA63J-0R0X MG RESISTOR 0 Ω 1/16W J R853 NRSA63J-183X MG RESISTOR R220 NRSA63J-472X MG RESISTOR 4.7k Ω 1/16W J R854 NRSA63J-822X MG RESISTOR	18kΩ 1/16W J 8.2kΩ 1/16W J
R227 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R855 NRSA63J-682X MG RESISTOR	6.8kΩ 1/16W J
R228 NRSA63J-0R0X MG RESISTOR 0 Ω 1/16W J R856 NRSA63J-105X MG RESISTOR R302 NRSA63J-0R0X MG RESISTOR 0 Ω 1/16W J R859 NRSA63J-821X MG RESISTOR	1MΩ 1/16W J 820Ω 1/16W J
R303 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R860 NRSA63J-101X MG RESISTOR	100Ω 1/16W J
R334 NRSA63J-222X MG RESISTOR 2.2kΩ 1/16W J R861 NRSA63J-101X MG RESISTOR R335 NRSA63J-222X MG RESISTOR 2.2kΩ 1/16W J R862 NRSA63J-331X MG RESISTOR	100Ω 1/16W J 330Ω 1/16W J
R336 NRSA63J-562X MG RESISTOR 5.6kΩ 1/16W J R863 NRSA63J-821X MG RESISTOR	820Ω 1/16W J
R372 NRSA63J-101X MG RESISTOR 100 Ω 1/16W J R864 NRSA63J-391X MG RESISTOR R374 NRSA63J-471X MG RESISTOR 470 Ω 1/16W J R865 NRSA63J-391X MG RESISTOR	390Ω 1/16W J 390Ω 1/16W J
R375 NRSA63J-101X MG RESISTOR 100Ω 1/16W J R866 NRSA63J-0R0X MG RESISTOR	0Ω 1/16W J
R382 NRSA63J-101X MG RESISTOR 100 Ω 1/16W J R867 NRSA63J-0R0X MG RESISTOR R384 NRSA63J-471X MG RESISTOR 470 Ω 1/16W J R869 NRSA63J-562X MG RESISTOR	0Ω 1/16W J 5.6kΩ 1/16W J
R385 NRSA63J-101X MG RESISTOR 100Ω 1/16W J R873 NRSA63J-821X MG RESISTOR	820Ω 1/16W J
R392 NRSA63J-101X MG RESISTOR 100 Ω 1/16W J R874 NRSA63J-391X MG RESISTOR R394 NRSA63J-471X MG RESISTOR 470 Ω 1/16W J R876 NRSA63J-0R0X MG RESISTOR	390Ω 1/16W J 0Ω 1/16W J
R395 NRSA63J-101X MG RESISTOR 100 Ω 1/16W J R877 NRSA63J-821X MG RESISTOR R402 NRSA63J-103X MG RESISTOR 10k Ω 1/16W J R879 NRSA63J-562X MG RESISTOR	820Ω 1/16W J 5.6kΩ 1/16W J
R403 NRSA63J-103X MG RESISTOR 10 $k\Omega$ 1/16W J R883 NRSA63J-471X MG RESISTOR	470Ω 1/16W J
R404 NRSA63J-103X MG RESISTOR 10k Ω 1/16W J R884 NRSA63J-152X MG RESISTOR R405 NRSA63J-103X MG RESISTOR 10k Ω 1/16W J R885 NRSA63J-123X MG RESISTOR	1.5kΩ 1/16W J 12kΩ 1/16W J
R409 NRSA63J-222X MG RESISTOR 2.2kΩ 1/16W J R886 NRSA63J-562X MG RESISTOR	5.6kΩ 1/16W J
R410 NRSA63J-332X MG RESISTOR 3.3k Ω 1/16W J R887 NRSA63J-102X MG RESISTOR R414 NRSA02J-0R0X MG RESISTOR 0 Ω 1/10W J R888 NRSA63J-102X MG RESISTOR	1kΩ 1/16W J 1kΩ 1/16W J
R509 NR\$A63J-682X MG RESISTOR 6.8kΩ 1/16W J R889 NR\$A63J-102X MG RESISTOR	1kΩ 1/16W J
R510 NRSA63J-0R0X MG RESISTOR 0 Ω 1/16W J R893 NRSA63J-682X MG RESISTOR R511 NRSA63J-682X MG RESISTOR 6.8k Ω 1/16W J R901 NRSA63J-682X MG RESISTOR	6.8kΩ 1/16W J 6.8kΩ 1/16W J
R512 NRSA63J-0R0X MG RESISTOR 0 Ω 1/16W J R902 NRSA63J-182X MG RESISTOR R513 NRSA63J-221X MG RESISTOR 220 Ω 1/16W J R903 NRSA63J-152X MG RESISTOR	1.8kΩ 1/16W J 1.5kΩ 1/16W J
R513 NRSA63J-221X MG RESISTOR 220 Ω 1/16W J R903 NRSA63J-152X MG RESISTOR R514 NRSA63J-682X MG RESISTOR 6.8k Ω 1/16W J R904 NRSA63J-223X MG RESISTOR	22kΩ 1/16W J
R516 NRSA63J-221X MG RESISTOR 220 Ω 1/16W J R907 NRS12BJ-0R0W MG RESISTOR R517 NRSA63J-682X MG RESISTOR 6.8k Ω 1/16W J R908 NRS12BJ-471W MG RESISTOR	0Ω 1/2W J 470Ω 1/2W J
R518 NRSA63J-221X MG RESISTOR 220Ω 1/16W J R2001 NRSA63J-750X MG RESISTOR	75Ω 1/16W J
R519 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R2002 NRSA63J-750X MG RESISTOR R520 NRSA63J-221X MG RESISTOR 220 Ω 1/16W J R2003 NRSA63J-750X MG RESISTOR	75Ω 1/16W J 75Ω 1/16W J
R521 NRSA63J-682X MG RESISTOR 6.8kΩ 1/16W J R2004 NRSA63J-224X MG RESISTOR	220kΩ 1/16W J
R522 NRSA63J-221X MG RESISTOR 220Ω 1/16W J R2005 NRSA63J-224X MG RESISTOR R523 NRSA63J-682X MG RESISTOR 6.8kΩ 1/16W J R2006 NRSA63J-750X MG RESISTOR	220kΩ 1/16W J
R524 NRSA63J-221X MG RESISTOR 220Ω 1/16W J R2007 NRSA63J-750X MG RESISTOR	/5Ω 1/16W J
R526 NRSA63J-0R0X MG RESISTOR 0Ω 1/16W J R2008 NRSA63J-750X MG RESISTOR R527 NRSA63J-682X MG RESISTOR 6.8k Ω 1/16W J R2009 NRSA63J-224X MG RESISTOR	75Ω 1/16W J 75Ω 1/16W J
R528 NRSA63J-221X MG RESISTOR 220Ω 1/16W J R2010 NRSA63J-224X MG RESISTOR	
R529 NRSA63J-682X MG RESISTOR 6.8k Ω 1/16W J R2011 NRSA63J-750X MG RESISTOR R530 NRSA63J-221X MG RESISTOR 220 Ω 1/16W J R2012 NRSA63J-224X MG RESISTOR	75Ω 1/16W J 75Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
R2013 R2051 R2052	NRSA63J-224X NRSA63J-750X NRSA63J-222X	MG RESISTOR MG RESISTOR MG RESISTOR	220kΩ 1/16W J 75Ω 1/16W J 2.2kΩ 1/16W J	R6579 R6580 R6601	NRSA63J-183X NRSA63J-392X NRSA63J-102X	MG RESISTOR MG RESISTOR MG RESISTOR	18kΩ 1/16W J 3.9kΩ 1/16W J 1kΩ 1/16W J
R2053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R2054 R2055	NRSA63J-223X NRSA63J-223X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 22kΩ 1/16W J	R6603 R6605	NRSA63J-0R0X NRSA63J-102X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1kΩ 1/16W J
R2056	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R2057 R2059	NRSA63J-223X NRSA63J-680X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 68Ω 1/16W J	R6607 R6617	NRSA63J-0R0X NRSA63J-562X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 5.6kΩ 1/16W J
R2060	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	R6621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2061 R2062	NRSA63J-391X NRSA63J-391X	MG RESISTOR MG RESISTOR	390Ω 1/16W J 390Ω 1/16W J	R6622 R6623	NRSA63J-103X NRSA63J-392X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 3.9kΩ 1/16W J
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R6624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J
R2066 R2069	NRSA63J-471X NRSA63J-102X	MG RESISTOR MG RESISTOR	470Ω 1/16W J 1kΩ 1/16W J	R6625 R6626	NRSA63J-102X NRSA63J-152X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 1.5kΩ 1/16W J
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	R6627	NRSA63J-104X	MG RESISTOR	1.3kΩ 1/16W J 100kΩ 1/16W J
R2207 R2208	NRSA63J-750X NRSA63J-750X	MG RESISTOR	75Ω 1/16W J 75Ω 1/16W J	R6629 R6630	NRSA63J-104X NRSA63J-152X	MG RESISTOR MG RESISTOR	100kΩ 1/16W J 1.5kΩ 1/16W J
R2209	NRSA63J-750X	MG RESISTOR MG RESISTOR	75Ω 1/16W J	R6631	NRSA63J-102X	MG RESISTOR	1.5kΩ 1/16W J 1kΩ 1/16W J
R6001 R6002	NRSA63J-223X NRSA63J-223X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 22kΩ 1/16W J	R6632 R6633	NRSA63J-392X NRSA63J-151X	MG RESISTOR MG RESISTOR	3.9kΩ 1/16W J 150Ω 1/16W J
R6003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6004 R6005	NRSA63J-682X NRSA63J-223X	MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 22kΩ 1/16W J	R6661 R6662	NRSA63J-102X NRSA63J-102X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 1kΩ 1/16W J
R6006	QRL039J-330	OMF RESISTOR	33Ω 3W J	R6663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R6201 R6202	NRSA63J-562X NRSA63J-182X	MG RESISTOR MG RESISTOR	5.6kΩ 1/16W J 1.8kΩ 1/16W J	R6664 R6665	NRSA63J-0R0X NRSA63J-393X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 39kΩ 1/16W J
R6203	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R6666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
R6204 R6205	NRSA63J-562X NRSA63J-473X	MG RESISTOR MG RESISTOR	5.6kΩ 1/16W J 47kΩ 1/16W J	R6667 R6668	QRK126J-220X QRK126J-5R6X	UNF C RESISTOR UNF C RESISTOR	22Ω 1/2W J 5.6Ω 1/2W J
R6301	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R6302 R6303	NRSA63J-0R0X NRSA63J-103X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 10kΩ 1/16W J	R6670 R6671	NRSA63J-153X NRSA63J-103X	MG RESISTOR MG RESISTOR	15kΩ 1/16W J 10kΩ 1/16W J
R6304	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6305 R6306	NRSA63J-102X NRSA63J-101X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 100Ω 1/16W J	R6674 R6675	NRSA63J-102X NRSA63J-562X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 5.6kΩ 1/16W J
R6307	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6308 R6309	NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 1kΩ 1/16W J	R6677 R6680	NRSA63J-102X NRSA63J-103X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 10kΩ 1/16W J
R6310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6684	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6409 R6431	NRSA63J-103X NRSA63J-563X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 56kΩ 1/16W J	R6685 R6686	NRSA63J-563X NRSA63J-153X	MG RESISTOR MG RESISTOR	56kΩ 1/16W J 15kΩ 1/16W J
R6432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R6688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6515 R6516	NRSA63J-332X NRSA63J-223X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 22kΩ 1/16W J	R6691 RB203	NRSA63J-333X NRSA63J-271X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 270Ω 1/16W J
R6517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6518 R6519	NRSA63J-223X NRSA63J-332X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 3.3kΩ 1/16W J	L201	NQL914K-101X	COIL	100uH K
R6520	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L807	NQR0499-001X	FERRITE BEADS	
R6521 R6522	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	L808 L809	NQR0499-001X NQR0499-001X	FERRITE BEADS FERRITE BEADS	
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L851	NQL092K-6R8X	COIL	6.8uH K
R6524 R6525	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	L852 L853	NQL092K-6R8X NQL092K-6R8X	COIL COIL	6.8uH K 6.8uH K
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L854	NQL092M-270X	CHIP P COIL	27uH M
R6527 R6528	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	L855 L861	NQL904J-560X NQL914K-220X	COIL COIL	56uH J 22uH K
R6529 R6530	NRSA63J-333X NRSA63J-222X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 2.2kΩ 1/16W J	L862 L863	NQL914K-101X NQL914K-101X	COIL	100uH K
R6531	NRSA63J-222X NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L864	NQL914K-101X NQL914K-101X	COIL COIL	100uH K 100uH K
R6532 R6533	NRSA63J-333X NRSA63J-103X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 10kΩ 1/16W J	L865 L866	NQL914K-220X NQL914K-220X	COIL COIL	22uH K 22uH K
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L867	NQL914K-220X	COIL	22uH K
R6535 R6536	NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J	L902 L903	NQL52EM-220X NQL52EM-220X	COIL COIL	22uH M 22uH M
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L904	NQL52EM-220X	COIL	22uH M
R6538 R6539	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J	L6661 L6662	QQL28AK-560 QQL28AK-560	COIL COIL	56uH K 56uH K
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R6541 R6542	NRSA63J-222X NRSA63J-103X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 10kΩ 1/16W J	CN000H CN0011	QGF1201C2-21 QGF0508F1-50X	CONNECTOR CONNECTOR	FFC/FPC (1-21) FFC/FPC (1-50)
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	CN0012	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
R6551 R6552	NRSA63J-153X NRSA63J-332X	MG RESISTOR MG RESISTOR	15kΩ 1/16W J 3.3kΩ 1/16W J	J2001 J2003	QNZ0726-001 QNZ0726-001	AV JACK AV JACK	INPUT-1(S/V/L/R) INPUT-2(S/V/L/R)
R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	J2004	QNN0651-001	PIN JACK	INPUT-3(V/L/R)
R6554 R6555	NRSA63J-153X NRSA63J-332X	MG RESISTOR MG RESISTOR	15kΩ 1/16W J 3.3kΩ 1/16W J	J2006 J2008	QNN0650-001 QNZ0726-001	PIN JACK AV JACK	INPUT-1(COMPONENT) MONITOR/REC OUT
R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	J2009	QNN0652-001	PIN JACK	DIGITAL IN AUDIO
R6557 R6558	NRSA63J-561X NRSA63J-184X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 180kΩ 1/16W J	K6601 K6602	NQR0499-002X NQR0499-002X	FERRITE BEADS FERRITE BEADS	
R6559	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K6661	NQR0499-002X	FERRITE BEADS	
R6560 R6563	NRSA63J-184X NRSA63J-224X	MG RESISTOR MG RESISTOR	180kΩ 1/16W J 220kΩ 1/16W J	K6662 K6663	NQR0499-002X NQR0499-002X	FERRITE BEADS FERRITE BEADS	
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	K6664	NQR0499-002X	FERRITE BEADS	
R6567 R6568	NRSA63J-124X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	120kΩ 1/16W J 0Ω 1/16W J	X201 X801	QAX0873-001 NAX0621-001X	C RESONATOR CRYSTAL	16.200MHz
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J		,		
R6577 R6578	NRSA63J-183X NRSA63J-392X	MG RESISTOR MG RESISTOR	18kΩ 1/16W J 3.9kΩ 1/16W J				

CONNECTOR P.W. BOARD ASS'Y (SFL-4121A-M2)

⚠Ref No.	Part No.	Part Name	Description Loca
IC4301	RC4558D-X	IC	
IC4501	TC7WH125FU-X	IC	
D4501	MA8033-X	Z DIODE	
C4211	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M
C4303	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C4304	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C4305	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C4306	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C4421	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C4501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R4301 R4302 R4303 R4304 R4305 R4305 R4306 R4307 R4308 R4405 R4406 R4407 R4408 R4409 R4411 R4411 R4412 R4502 R4505 R4505	NRSA63J-472X NRSA63J-472X NRSA63J-104X NRSA63J-472X NRSA63J-472X NRSA63J-103X NRSA63J-103X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-220X NRSA63J-220X NRSA63J-271X NRSA63J-271X	MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J 100kΩ 1/16W J 4.7kΩ 1/16W J 4.7kΩ 1/16W J 100kΩ 1/16W J 10kΩ 1/16W J 10kΩ 1/16W J 0Ω 1/16W J
CN0001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
CN0002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)
CN000T	QGF0540C1-40X	CONNECTOR	FFC/FPC (1-40)
CN1011	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)
CN1012	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)

FRONT CONTROL P.W. BOARD ASS'Y (SFL-7101A-M2)

ÆRef No.	Part No.	Part Name	Description Loca
D7011	UDZS6.2B-X	Z DIODE	
C7011 C7012	NCB31HK-104X NCB31HK-104X	C CAPACITOR C CAPACITOR	0.1uF 50V K 0.1uF 50V K
R7011 R7012 R7013 R7014 R7015 R7016 R7018 R7701 R7702 R7703 R7704	NRSA63J-102X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-562X NRSA63J-153X NRSA63J-153X NRSA63J-153X	MG RESISTOR	$1 k\Omega$ 1/16W J $1 k\Omega$ 1/16W J 100Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J $5.6 k\Omega$ 1/16W J $15 k\Omega$ 1/10W J
J7001 K7001 S7701 S7702 S7703 S7704 S7705 S7706 S7707	NRSA02J-0R0X QMS3004-C01 NRSA63J-0R0X QSW1131-001Z QSW1131-001Z QSW1131-001Z QSW1131-001Z QSW1131-001Z QSW1131-001Z QSW1131-001Z	MG RESISTOR H.P.JACK MG RESISTOR TACT SWITCH	OΩ 1/10W J HEADPHONE OΩ 1/16W J CH- CH+ INPUT MENU VOL+ VOL- POWER

FRONT LED P.W. BOARD ASS'Y (SFL-8123A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC8752	GP1UM261RKVF	IR DETECT UNIT	

ÆRef No.	Part No.	Part Name	Description Loca
Q8701 Q8702 Q8703 Q8704 Q8705 Q8706 Q8707 Q8708 Q8710 Q8711 Q8711	UN2212-X UN2110-X UN2212-X UN2210-X UN2212-X UN2110-X UN2110-X UN2110-X UN2212-X UN2212-X UN2212-X UN2110-X	DIGI TRANSISTOR	
D8702 D8703 D8705 D8706 D8707 D8708 D8709	SEL5E20C-T SEL5920A-T SELU5E20C-T MA8068-X MA8068-X MA8068-X MA8068-X	LED LED LED Z DIODE Z DIODE Z DIODE Z DIODE Z DIODE	POWER PROGRAM/TIMER ILLUMINATION
C8752	NEHL1CM-476X	E CAPACITOR	47uF 16V M
R8711 R8712 R8713 R8714 R8715 R8716 R8717 R8721 R8722 R8724 R8726 R8755	NRSA63J-103X NRSA63J-102X NRSA63J-102X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-102X	MG RESISTOR	$\begin{array}{c} 10 k\Omega \ 1/16 W \ J \\ 1 k\Omega \ 1/16 W \ J \\ 1 k\Omega \ 1/16 W \ J \\ 10 k\Omega \ 1/16 W \ J \\ 470 \Omega \ 1/16 W \ J \\ 10 k\Omega \ 1/16 W \ J \\ 470 \Omega \ 1/16 W \ J \\ 470 \Omega \ 1/16 W \ J \\ 270 \Omega \ 1/16 W \ J \\ 270 \Omega \ 1/16 W \ J \\ 0 \Omega \ 1/16 W \ J \\ 0 \Omega \ 1/16 W \ J \\ 1 k\Omega \ 1/16 W \ J \\ \end{array}$

SD CARD P.W. BOARD ASS'Y (SFL-8304A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC1001	W81386D-G	IC	
C1001 C1002 C1003 C1004 C1005 C1006 C1007 C1008 C1009 C1011 C1012 R1001 R1003 R1004 R1005 R1006 R1008 R1012 R1027 R1111	NEHL1CM-106X NCF31CZ-104X NDC31HJ-270X NDC31HJ-150X NDC31HJ-150X NCB31EK-103X NEHL1CM-106X NDC31HJ-270X NDC31HJ-270X NCB31EK-103X NEHL1CM-106X NRSA63J-152X NRSA63J-330X NRSA63J-330X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-103X NRSA63J-472X NRSA63J-472X NRSA63J-472X NRSA63J-473X NRSA63J-473X NRSA63J-473X	E CAPACITOR C CAPACITOR MG RESISTOR	10uF 16V M 0.1uF 16V Z 27pF 50V J 27pF 50V J 15pF 50V J 15pF 50V J 0.01uF 25V K 10uF 16V M 27pF 50V J 27pF 50V J 0.01uF 25V K 10uF 16V M 1.5kΩ 1/16W J 33Ω 1/16W J 33Ω 1/16W J 0Ω 1/16W J 4.7kΩ 1/16W J 330kΩ 1/16W J 330kΩ 1/16W J 47kΩ 1/16W J
RA1001 RA1002	NRZ0040-473X NRZ0040-473X NRZ0040-473X	NET RESISTOR NET RESISTOR	47kΩ 1/16W J x4 47kΩ 1/16W J x4
L1001	NQR0506-001X	EMI FILTER	
LC1001 X1001	NQR0415-001X NAX0644-001X	EMI FILTER CRYSTAL	1uF 10V M 6.000000MHz

POWER P.W. BOARD ASS'Y (SFL-9031A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC9141 AIC9211 IC9501 AIC9541 IC9602 IC9901	BA50BC0FP-X FA5500AN-W F9222L-F219 UTCTL431-T M62320FP-X MP1593DN-X	IC IC IC IC IC	

Ref No.	Part No.	Part Name	Description Local	ÆRef No.	Part No.	Part Name	Description Loca
IC9931	MP1593DN-X	IC		C9213 C9214	NCB21CK-105X NDC31HJ-102X	C CAPACITOR C CAPACITOR	1uF 16V K 1000pF 50V J
Q9021	2SC3928A/QR/-X	TRANSISTOR		C9215	QEHR1VM-476Z	E CAPACITOR	47uF 35V M
Q9151 Q9152	2SA1530A/QR/-X 2SD601A/QR/-X	TRANSISTOR TRANSISTOR		C9216 C9218	QEZ0650-227 NCB31HK-103X	E CAPACITOR C CAPACITOR	220uF 450V M 0.01uF 50V K
Q9211	2SK3522-01-F1	POWER MOS FET		C9219	QCZ0354-331Z	C CAPACITOR	330pF 2kV K
Q9212 Q9213	2SD601A/QR/-X IMD3A-W	TRANSISTOR TRANSISTOR		C9221 C9251	NCB31HK-222X QEHR1HM-107Z	C CAPACITOR E CAPACITOR	2200pF 50V K 100uF 50V M
Q9215 Q9215	2SD601A/QR/-X	TRANSISTOR		C9252	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
Q9216 Q9251	UN2212-X UN2213-X	DIGI TRANSISTOR DIGI TRANSISTOR		C9301 C9302	QECR1EM-687Z QECR1EM-687Z	E CAPACITOR E CAPACITOR	680uF 25V M 680uF 25V M
Q9252	UN2212-X	DIGI TRANSISTOR		C9501	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
Q9501 Q9502	2SD601A/QR/-X 2SK2865-X	TRANSISTOR POWER MOS FET		C9502	NCB31HK-104X NCB31HK-104X	C CAPACITOR C CAPACITOR	0.1uF 50V K 0.1uF 50V K
Q9503	2SD601A/QR/-X	TRANSISTOR		C9503 C9504	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
Q9504 Q9506	2SK2018-01S-W UN2213-X	POWER MOS FET DIGI TRANSISTOR		C9505 C9506	NCB31HK-223X NCB31HK-331X	C CAPACITOR C CAPACITOR	0.022uF 50V K 330pF 50V K
Q9541	UN2212-X	DIGI TRANSISTOR		C9507	NCB31HK-472X	C CAPACITOR	4700pF 50V K
Q9602 Q9603	2SB1188/QR/-W UN2212-X	TRANSISTOR DIGI TRANSISTOR		C9508 C9509	NCB11AK-335X QEHR1HM-107Z	C CAPACITOR E CAPACITOR	3.3uF 10V K 100uF 50V M
Q9606	2SC3928A/QR/-X	TRANSISTOR		C9510	QEHR2AM-107Z	E CAPACITOR	100uF 100V M
Q9901 Q9931	2SD601A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR		C9511 C9512	QFZ0209-393 QEHR1HM-107Z	MPP CAPACITOR E CAPACITOR	0.039uF 100uF 50V M
				C9520	NCB31HK-331X	C CAPACITOR	330pF 50V K
D9001 D9021	MA8047-X MA111-X	Z DIODE SI DIODE		C9541 C9544	QECQ1VM-128 QECQ1VM-128	E CAPACITOR E CAPACITOR	1200uF 35V M 1200uF 35V M
D9111	S1WB/A/60-4101	BRIDGE DIODE		C9545	QECQ1VM-128 QECQ1VM-128	E CAPACITOR	1200uF 35V M
D9151 ∆D9201	MA8024-X D25XB60	Z DIODE BRIDGE DIODE		C9550 C9551	NCB11HK-104X	E CAPACITOR C CAPACITOR	1200uF 35V M 0.1uF 50V K
D9202 D9205	MA111-X	SI DIODE Z DIODE		C9552	NCB31HK-223X QEHR1EM-477Z	C CAPACITOR E CAPACITOR	0.022uF 50V K
D9211	MA3082/M/-X YG972S6R	SI DIODE		C9553 C9606	NCB11CK-475X	C CAPACITOR	470uF 25V M 4.7uF 16V K
D9213 D9214	MA111-X MA111-X	SI DIODE SI DIODE		C9609 C9610	NCB31EK-104X NDC31HJ-680X	C CAPACITOR C CAPACITOR	0.1uF 25V K 68pF 50V J
D9215	D1FL20U-X	SI DIODE		C9611	NDC31HJ-680X	C CAPACITOR	68pF 50V J
D9251 D9252	MA3100/M/-X MA111-X	Z DIODE SI DIODE		C9614 C9902	NBZ0017-106X NCB31HK-103X	SP E CAPACITOR C CAPACITOR	10uF 25V M 0.01uF 50V K
D9253	MA111-X	SI DIODE		C9903	QECR1CM-477Z	E CAPACITOR	470uF 16V M
D9254 D9301	D1FL20U-X FME-220A	SI DIODE SB DIODE		C9904 C9907	NCJ41CK-226X-U NCB31EK-273X	C CAPACITOR C CAPACITOR	22mF 16V K 0.027uF 25V K
D9302	FME-220A	SB DIODE		C9908	QEHR2AM-106Z	E CAPACITOR	10uF 100V M
D9501 D9502	MA8220/M/-X MA8110/H/-X	Z DIODE Z DIODE		C9909 C9912	QEHR1HM-106Z QEHR1CM-477Z	E CAPACITOR E CAPACITOR	10uF 50V M 470uF 16V M
D9503	D1FL20U-X	SI DIODE		C9913	NCJ41HK-335X-U	CHIP C CAPACITO	
D9504 D9505	D1FL20U-X MA8220/M/-X	SI DIODE Z DIODE		C9914 C9917	QTNC1HM-106Z NCB31HK-222X	E CAPACITOR C CAPACITOR	10uF 50V M 2200pF 50V K
D9507	D1FL20U-X	SI DIODE	4.51-0.4/40/4/.1	C9934	NCB31EK-273X	C CAPACITOR	0.027uF 25V K
D9508 D9509	UDZS5.6B-X SD883-04-X	Z DIODE IC	1.5kΩ 1/10W J	C9935 C9936	NCB31HK-103X NCJ41HK-335X-U	C CAPACITOR CHIP C CAPACITO	0.01uF 50V K
D9512 D9514	D1FS4-X PTZ27B-X	SB DIODE Z DIODE		C9937 C9938	NCJ41HK-335X-U NCJ41EK-106X-U	CHIP C CAPACITO C CAPACITOR	10mE 25\/ K
D9514 D9515	PTZ27B-X PTZ27B-X	Z DIODE		C9939	NCJ41EK-106X-U	C CAPACITOR C CAPACITOR	10mF 25V K 10mF 25V K
D9542	FCH20A10 FCH20A10	SB DIODE SB DIODE		 ∆R9001	OD70046 1057	C DESISTOR	1MO 1/2W/K
D9543 D9546	FCH20A10	SB DIODE		R9003	QRZ9046-105Z NRS12BJ-223W	C RESISTOR MG RESISTOR	1MΩ 1/2W K 22kΩ 1/2W J
D9609 D9901	MA111-X EC30HA04-X	SI DIODE SB DIODE		R9004 R9005	NRS12BJ-333W NRS12BJ-333W	MG RESISTOR MG RESISTOR	33kΩ 1/2W J 33kΩ 1/2W J
D9902	MA111-X	SI DIODE		R9021	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
D9903 D9905	EC30HA04-X D1FL20U-X	SB DIODE SI DIODE		R9022 R9101	NRSA63J-473X QRZ0216-4R7	MG RESISTOR UNF WW RESISTOR	47kΩ 1/16W J 4.7Ω 7W K
D9906	PTZ11B-X	Z DIODE		R9141	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J
D9907 D9908	MTZJ16B-T2 MTZJ16B-T2	Z DIODE Z DIODE		R9142 R9148	QRX01GJ-R82 NRSA63J-183X	MF RESISTOR MG RESISTOR	0.82Ω 1W J 18kΩ 1/16W J
D9909	D1FL20U-X	SI DIODE		R9151	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
D9932 D9933	EC30HA04-X EC30HA04-X	SB DIODE SB DIODE		R9152 R9153	NRSA63J-104X NRSA63J-682X	MG RESISTOR MG RESISTOR	100kΩ 1/16W J 6.8kΩ 1/16W J
D9934 D9935	MA111-X PTZ16B-X	SI DIODE Z DIODE		R9154 R9155	NRSA63J-470X NRSA63J-332X	MG RESISTOR MG RESISTOR	47Ω 1/16W J 3.3kΩ 1/16W J
				R9156	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
∆ C9001 ∆ C9002	QFZ9072-105 QFZ9072-105	MM CAPACITOR MM CAPACITOR	1uF AC250V K 1uF AC250V K	R9157 ∆ R9199	NRSA63J-0R0X QRZ9046-685Z	MG RESISTOR C RESISTOR	0Ω 1/16W J 6.8MΩ 1/2W K
ΔC9011	QCZ9071-471	C CAPACITOR	470pF AC400V K	 ∆R9201	QRZ9055-8R2	FUSI RESISTOR	8.2Ω 2W K
∆C9013 ∆C9101	QCZ9071-471 QCZ9078-472	C CAPACITOR C CAPACITOR	470pF AC400V K 4700pF AC250V M	R9203 R9211	NRS12BJ-681W NRS12BJ-474W	MG RESISTOR MG RESISTOR	680Ω 1/2W J 470kΩ 1/2W J
△C9102	QCZ9078-472	C CAPACITOR	4700pF AC250V M	R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J
C9103 C9111	QCZ9078-472 QEZ0709-106	C CAPACITOR E CAPACITOR	4700pF AC250V M 10uF 450V M	R9213 R9214	NRS12BJ-334W NRSA63J-103X	MG RESISTOR MG RESISTOR	330kΩ 1/2W J 10kΩ 1/16W J
C9141	QECR1CM-477Z	E CAPACITOR	470uF 16V M	R9215	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C9142 C9143	QEHR1AM-337Z QEHR1CM-107Z	E CAPACITOR E CAPACITOR	330uF 10V M 100uF 16V M	R9216 R9217	NRSA63J-224X NRSA63J-224X	MG RESISTOR MG RESISTOR	220kΩ 1/16W J 220kΩ 1/16W J
C9151	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	R9218	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D
∆ C9197 ∆ C9198	QCZ9071-102 QCZ9071-471	C CAPACITOR C CAPACITOR	1000pF AC400V M 470pF AC400V K	R9219 R9220	NRS12BJ-223W QRM059J-R22	MG RESISTOR MP RESISTOR	22kΩ 1/2W J 0.22Ω 5W J
^C9201	QCZ9078-222	C CAPACITOR	2200pF AC250V M	R9221	QRM059J-R22	MP RESISTOR	0.22Ω 5W J
	QCZ9078-222 QCZ9078-222	C CAPACITOR C CAPACITOR	2200pF AC250V M 2200pF AC250V M	R9222 R9223	NRS181J-824X NRS181J-824X	MG RESISTOR MG RESISTOR	820kΩ 1/8W J 820kΩ 1/8W J
∆ C9205	QCZ9078-222	C CAPACITOR	2200pF AC250V M	R9224	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J
C9211 C9212	QFZ0222-105 NCB31HK-103X	MM CAPACITOR C CAPACITOR	1uF 450V K 0.01uF 50V K	R9225 R9226	NRS12BJ-334W NRS12BJ-334W	MG RESISTOR MG RESISTOR	330kΩ 1/2W J 330kΩ 1/2W J

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
R9227 R9228 R9229 R9233 R9236 R9237	NRS12BJ-394W NRSA63J-103X NRSA63D-274X NRS181J-0R0X NRS12BJ-474W	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	390kΩ 1/2W J 10kΩ 1/16W J 270kΩ 1/16W D 0Ω 1/8W J 470kΩ 1/2W J	R9940 R9941 R9942 R9943 R9944	NRSA63J-153X NRSA63J-122X NRSA02J-0R0X NRSA02J-0R0X NRSA63J-183X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	15kΩ 1/16W J 1.2kΩ 1/16W J 0Ω 1/10W J 0Ω 1/10W J 18kΩ 1/16W J
R9237 R9238 R9239 R9251 R9253 R9254 R9255	NRSA63J-103X NRS12BJ-220W NRS12BJ-1R0W NRSA63J-0R0X NRSA63J-223X	MG RESISTOR	10kΩ 1/16W J 22Ω 1/2W J 1Ω 1/2W J 0Ω 1/16W J 22kΩ 1/16W J	L9141 L9201 L9202 L9541 L9542	NQL52EN-4R7X QQR1662-001 QQR1513-001 NQL71EM-150X	COIL CHOKE COIL CHOKE COIL COIL	4.7uH N 15uH M
R9254 R9255 R9256 R9257 R9301	NRSA63J-473X NRSA63J-224X NRSA63J-153X NRS12BJ-102W	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	47kΩ 1/16W J 220kΩ 1/16W J 15kΩ 1/16W J	L9542 L9902 L9903 L9904 L9931	NQL52EM-470X NQR0562-001X NQR0562-001X NQL63EM-470X	COIL CHOKE COIL CHOKE COIL COIL	47uH M
R9302 R9501 R9502 R9503	QRT039J-1R2 QRT039J-1R2 QRL039J-103 QRL039J-103 NRS181J-824X	MG RESISTOR MG RESISTOR MF RESISTOR MF RESISTOR OMF RESISTOR OMF RESISTOR MG RESISTOR	1kΩ 1/2W J 1.2Ω 3W J 1.2Ω 3W J 10kΩ 3W J 10kΩ 3W J 820kΩ 1/8W J	L9931 L9932 ⚠T9121 ⚠T9501 ὧT9502	NQL71EM-470X NQR0562-001X QAL0425-001 QQS0347-002 QQS0347-002	COIL CHOKE COIL POWER TRANSF SW TRANSF SW TRANSF	47uH M
R9504 R9505 R9506 R9507	NRS181J-824X NRS181J-824X NRSA63J-473X NRSA63J-473X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	820kΩ 1/8W J 820kΩ 1/8W J 47kΩ 1/16W J 47kΩ 1/16W J	CNIOOG	QGB2501J1-07 QGB2501J1-10 QGF1201C2-21	CONNECTOR CONNECTOR CONNECTOR FUSE	B-B (1-7) B-B (1-10) FFC/FPC (1-21) 2A AC250V
R9508 R9509 R9510 R9511 R9512 R9513 R9514 R9515	QRT029J-R56 QRM059J-R27 NRSA63J-103X NRSA63J-102X NRSA63J-333X NRSA63J-223X NRSA63J-104X NRSA63J-104X	MF RESISTOR MP RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0.56Ω 2W J 0.27Ω 5W J 10kΩ 1/16W J 1kΩ 1/16W J 33kΩ 1/16W J 22kΩ 1/16W J 100kΩ 1/16W J	© CN00007 © CN0000H © CP9121 © CP9211 © CP9301 © CP9302 © F9001 © K9001 © K9011 © K9211 © K9212	QMFZ052-2R0-E QMFZ043-2R0Z-J1 QMFZ034-5R0Z-J1 QMFZ034-5R0Z-J1 QMF51D2-6R3-J1 QRN143J-0R0X NQR0499-001X QOR0621-0027	FUSE FUSE FUSE C RESISTOR FERRITE BEADS	2A AC250V 2A AC250V 5A 125V 5A 125V 6.3A AC250V 0Ω 1/4W J
R9515 R9516 R9517 R9518 R9519 R9520 R9521 R9525	NRSA63J-104X QRT029J-2R2 NRS12BJ-332W QRK126J-271X NRSA02J-180X QRE121J-105Y NRSA63J-223X	MG RESISTOR MF RESISTOR MG RESISTOR UNF C RESISTOR MG RESISTOR C RESISTOR MG RESISTOR	100kΩ 1/16W J 2.2Ω 2W J 3.3kΩ 1/2W J 270Ω 1/2W J 18Ω 1/10W J 1MΩ 1/2W J 22kΩ 1/16W J 33kΩ 1/16W J	K9212 K9501 K9502 K9503 K9504 K9505 K9508	QQR0621-002Z QQR0621-002Z NQR0499-002X NQR0499-002X NQR0499-002X NQR0499-002X NQR0499-002X	FERRITE BEADS FERRITE BEADS FERRITE BEADS FERRITE BEADS FERRITE BEADS FERRITE BEADS	
R9525 R9526 R9527 R9529 R9536 R9541 R9542 R9543	NRSA63J-333X NRSA63J-151X NRSA02J-0R0X QRL039J-681 NRSA02J-0R0X NRSA63J-084X NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR MG RESISTOR OMF RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	33ΚΩ 1/16W J 150Ω 1/16W J 0Ω 1/10W J 680Ω 3W J 0Ω 1/10W J 680ΚΩ 1/16W J 10ΚΩ 1/16W J 10ΚΩ 1/16W J	K9509 K9541 ⚠LF9001 ⚠LF9002	NRSA02J-0R0X NQR0499-002X NQR0499-001X QQR1514-001 QQR1514-001 QQR1514-001 PS2581AL2/QW/-W	MG RESISTOR FERRITE BEADS FERRITE BEADS LINE FILTER LINE FILTER LINE FILTER PHOTO COUPLER	0Ω 1/10W J
R9544 R9545 R9546 R9548 R9549	NRSA63J-103X NRSA63D-273X NRSA63D-682X NRSA63J-182X NRSA63J-392X NRSA63J-0R0X NRSA02J-0R0X	MG RESISTOR	27kΩ 1/16W D 6.8kΩ 1/16W D 1.8kΩ 1/16W J 3.9kΩ 1/16W D 0Ω 1/16W J	ДРС9001 ДРС9541 ДРС9542 ДРС9542 ДРС9542 ДРС9542 ДРС9542 ДРС9542 ДРС9542 ДРС9541	PS2581AL2/QW/-W PS2581AL2/QW/-W PS2581AL2/QW/-W QSK0162-001 QSK0163-001 QAF0060-621	PHOTO COUPLER PHOTO COUPLER RELAY RELAY VARISTOR	620V
R9552 R9562 R9563 R9603	NRS12BJ-223W NRS12BJ-6R8W	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/10W J 22kΩ 1/2W J 6.8Ω 1/2W J 10kΩ 1/16W J	REGUL	ATOR P.W. BC	ARD ASS'Y (S	FL-9131A-M2)
R9615 R9616 R9622	NRSA63J-103X NRSA63J-101X NRSA63J-101X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J 0Ω 1/16W J	ÆRef No.	Part No.	Part Name	Description Local
R9623 R9629 R9631 R9632 R9635	NRSA63J-0R0X NRSA63J-473X NRSA02J-332X NRSA63J-101X NRS12BJ-221W	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 47kΩ 1/16W J 3.3kΩ 1/10W J 100Ω 1/16W J 220Ω 1/2W J	IC9801 IC9821 IC9841 IC9861 IC9881	MP1593DN-X MP1593DN-X MP1593DN-X MP1593DN-X LM393DR-X	IC IC IC IC	
R9637 R9641 R9643 R9657	NRSA02J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRS12BJ-6R8W	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/16W J 0Ω 1/16W J 6.8Ω 1/2W J	Q9801 Q9821	2SC3928A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR	
R9658 R9659 R9660 R9661 R9665	NRSA63J-822X NRSA63J-102X NRSA63J-472X NRS12BJ-6R8W NRSA02J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	8.2kΩ 1/16W J 1kΩ 1/16W J 4.7kΩ 1/16W J 6.8Ω 1/2W J 0Ω 1/10W J	D9802 D9803 D9805 D9822 D9823	EC30HA04-X MA111-X PTZ6.8B-X EC30HA04-X PTZ6.8B-X	SB DIODE SI DIODE Z DIODE SB DIODE Z DIODE	
R9901 R9902 R9903 R9904 R9905 R9906 R9907 R9908 R9909 R9913	NRSA02J-0R0X NRSA63D-104X NRSA63D-103X NRSA63D-184X QRK126J-222X NRSA63J-822X NRSA63J-122X NRSA63J-183X NRSA63J-103X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR UNF C RESISTOR MG RESISTOR	0Ω 1/10W J 100k Ω 1/16W D 10k Ω 1/16W D 10k Ω 1/16W D 180k Ω 1/16W D 2.2k Ω 1/2W J 8.2k Ω 1/16W J 1.2k Ω 1/16W J 18k Ω 1/16W J 10k Ω 1/16W J 10k Ω 1/16W J 10k Ω 1/16W J	D9824 D9825 D9842 D9843 D9861 D9862 D9863 D9864 D9881	MA111-X EC30HA04-X EC30HA04-X PTZ3.9B-X MA111-X EC30HA04-X PTZ3.9B-X EC30HA04-X UDZS9.1B-X MA111-X	SI DIODE SB DIODE SB DIODE Z DIODE SI DIODE SB DIODE Z DIODE Z DIODE SB DIODE Z DIODE SB DIODE SI DIODE SI DIODE SI DIODE	
R9923 R9933 R9934 R9935 R9936 R9937 R9938 R9939	NRSA63J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA63J-0R0X NRSA63J-103X NRSA63D-224X NRSA63D-184X NRSA63D-103X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/16W J 10kΩ 1/16W J 220kΩ 1/16W D 180kΩ 1/16W D 10kΩ 1/16W D	C9803 C9804 C9805 C9806 C9807 C9810	NCJ41HK-335X-U NCB31HK-103X NCB31HK-222X NCJ41CK-226X-U NCB31HK-332X NEHM1HM-105X	CHIP C CAPACITO C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR	0.01uF 50V K 2200pF 50V K 22mF 16V K 3300pF 50V K 1uF 50V M

Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
C9821 C9822 C9823 C9825 C9825 C9826 C9827 C9830 C9831 C9843 C9845 C9845 C9846 C9847 C9848	NCJ41HK-335X-U NCB31HK-104X NCB31HK-103X NDC31HJ-101X NCJ41CK-226X-U NCB31HK-103X NBZ0008-107X NCJ41CK-226X-U NCJ41HK-335X-U NCB31HJ-121X NCJ41CK-226X-U NCB31HK-226X-U NCB31HK-226X-U NCJ41CK-226X-U NCJ41CK-226X-U NCJ41K-335X-U	CHIP C CAPACITO C CAPACITOR C CAPACITO	0.1uF 50V K 0.01uF 50V K 100pF 50V J 22mF 16V K 0.01uF 50V K 100uF 6.3V M 22mF 16V K 0.01uF 50V K 120pF 50V J 22mF 16V K 2200pF 50V K 22mF 16V K	IC1001 IC1002 IC1003 IC1502 IC3001 IC3005 IC3006 IC3006 IC3007 IC3501 IC3501 IC3501 IC3503 IC4001	TC90A92AFG MM1572FN-X R1141Q151D-X NJM2235V-X JCC5055 TC7MB3257FK-X SN74LVC1G08V-X SN74LVC3G17U-X R1170H331B-X S-80928CLNB-G-W EDD1232AAFA-7A EDD1232AAFA-7A LP2996MR-X JCC5057	IC I	
C9862 C9864 C9865 C9866	NCB31HK-822X NCB31HK-103X NDC31HJ-121X NCJ41CK-226X-U	C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR	8200pF 50V K 0.01uF 50V K 120pF 50V J 22mF 16V K	IC4003 IC4004 IC4005 IC6502	AT29LE-26X776KA ATF25626X776K1 SN74LVC1G08V-X THC63LVDM83R-W	IC(MICRO C ROM) IC IC IC	(SERVICE) (SERVICE)
C9867 C9868 C9881 C9882	NCB31HK-222X NCJ41CK-226X-U NEHM1HM-105X NCB31EK-104X	C CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR	2200pF 50V K 22mF 16V K 1uF 50V M 0.1uF 25V K	IC7001 IC7002 IC7003 IC7401	MN102H60KPH ATF25626X776K2 SN74LVC2G241T-X S-80928CLNB-G-W	IC IC IC IC	(SERVICE)
C9883 C9884 R9803 R9804 R9805 R9806	NCB31EK-104X NCB31EK-104X NRSA02J-0R0X NRSA63J-562X NRVA02D-473X NRSA63D-124X	C CAPACITOR C CAPACITOR MG RESISTOR MG RESISTOR CMF RESISTOR MG RESISTOR	0.1uF 25V K 0.1uF 25V K 0Ω 1/10W J 5.6kΩ 1/16W J 47kΩ 1/10W D 120kΩ 1/16W D	IC7601 IC7602 IC7603 IC7607 IC7608 IC7609 IC9201	M306V7MG-125FP ATF16-26X776KA SN74LVC1G04V-X MM1510XN-X MM1510XN-X SN74LVC1G08V-X MP1593DN-X	IC(MCU) IC IC IC IC IC	(SERVICE)
R9806 R9807 R9808 R9808 R9809 R9810 R9810 R9821 R9822 R9823 R9823 R9825 R9825 R9826 R9827 R9828 R9829 R9830 R9831 R9841 R9843 R9844 R9845 R9846 R9847 R9848 R9861 R9862 R9863 R9863 R9865 R9866 R9865 R9866 R9865 R9866 R9867 R9866 R9867 R9868 R9886 R9887 R9888	NRSA63D-103X NRSA63J-682X NRSA63J-182X NRSA63J-182X NRSA63J-183X NRSA02J-0R0X NRSA63J-472X NRSA63J-103X NRSA63J-103X NRSA63D-103X NRSA63D-124X NRSA63D-124X NRSA63D-124X NRSA63J-182X NRSA63J-182X NRSA63J-182X NRSA63J-183X NRSA02J-0R0X NRSA63J-103X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-153X NRSA63D-154X NRSA63D-153X NRSA63D-154X NRSA63D-172X NRSA63D-172X NRSA63D-472X NRSA63D-472X NRSA63D-472X NRSA63D-273X NRSA63D-273X NRSA63D-273X NRSA63D-273X NRSA63D-273X NRSA63D-273X NRSA63D-273X	MG RESISTOR	10kΩ 1/16W D 6.8kΩ 1/16W J 1.8kΩ 1/16W J 1.8kΩ 1/16W J 0Ω 1/10W J 0Ω 1/10W J 10kΩ 1/16W J 10kΩ 1/16W D 10kΩ 1/16W J 1.8kΩ 1/16W J 1.8kΩ 1/16W J 0Ω 1/10W J 47kΩ 1/16W J 0Ω 1/10W J 68Ω 1/16W J 10kΩ 1/16W D 150kΩ 1/16W D 150kΩ 1/16W D 150kΩ 1/16W D 10Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 10kΩ 1/16W D	Q0101 Q0102 Q0104 Q0107 Q0108 Q0109 Q0110 Q0201 Q0202 Q0204 Q0209 Q0210 Q0301 Q0302 Q0304 Q0309 Q0310 Q1001 Q1003 Q1004 Q1101 Q1103 Q1004 Q1101 Q1203 Q1304 Q1101 Q1203 Q1301 Q1303 Q1301 Q1201 Q1203 Q1301	2SC3837K/NP/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1530A/QR/-X 2SC3928A/QR/-X HN1C01F/Y/-X HN1C01F/Y/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1022/BC/-X HN1C01F/Y/-X HN1C01F/Y/-X HN1C01F/Y/-X UN213-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR	
L9802 L9822 L9823 L9842	NQL98EM-150X NQL71EM-150X NQR0562-003X NQL98EM-150X	COIL COIL CHOKE COIL COIL	15uH M 15uH M 15uH M	Q7207 Q7208 D1001	UN2113-X UN2113-X EC30HA03L-X	TRANSISTOR TRANSISTOR SB DIODE	
L9862 CN9806 CN9807	NQL98EM-150X QGB2501K2-07 QGB2501K2-10	COIL CONNECTOR CONNECTOR	15uH M B-B (1-7) B-B (1-10)	D1002 D2101 D7001 D7003 D7005 D7006 D7007	EG30HA03L-X 1SS355-X 1SS355-X RB501V-40-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X	SB DIODE SI DIODE SI DIODE SB DIODE Z DIODE Z DIODE Z DIODE Z DIODE Z DIODE	
		BOARD ASS'Y		D7008 D7009	UDZS8.2B-X UDZS8.2B-X	Z DIODE Z DIODE	
(SFL0D ∴Ref No.	133A-M2) Part No.	Part Name	Description Local	D7010 D7203 D9201	1SS355-X 1SS355-X EC30HA04-X	SI DIODE SI DIODE SB DIODE	
IC0401	SN74AHCT1G32V-X	IC		D9203 D9204	PTZ3.9B-X 1SS355-X	Z DIODE SI DIODE	

⚠Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Loca
C0104 C0105	NDC31HJ-390X NDC31HJ-330X	C CAPACITOR C CAPACITOR	39pF 50V J	C1075 C1076	NBE40JM-476X	TA E CAPACITOR TA E CAPACITOR	47uF 6.3V M 10uF 4V M
C0107	NCB31CK-104X	C CAPACITOR C CAPACITOR	33pF 50V J 0.1uF 16V K	C1077	NBE20GM-106X NEHM1CM-476X	E CAPACITOR	47uF 16V M
C0109 C0110	NCB11AK-106X NCB11AK-106X	C CAPACITOR C CAPACITOR	10uF 10V K 10uF 10V K	C1102 C1103	NDC31HJ-330X NDC31HJ-680X	C CAPACITOR C CAPACITOR	33pF 50V J 68pF 50V J
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1103	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0112 C0113	NDC31HJ-820X NCB11AK-106X	C CAPACITOR C CAPACITOR	82pF 50V J 10uF 10V K	C1105 C1106	NCF11CZ-475X NCB31CK-104X	C CAPACITOR C CAPACITOR	4.7uF 16V Z 0.1uF 16V K
C0113	NCB11AK-100X NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C1100	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0115 C0116	NCB31CK-104X NCB11AK-106X	C CAPACITOR C CAPACITOR	0.1uF 16V K 10uF 10V K	C1109 C1111	NDC31HJ-151X NRSA63J-681X	C CAPACITOR MG RESISTOR	150pF 50V J 680Ω 1/16W J
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0204 C0205	NDC31HJ-390X NDC31HJ-330X	C CAPACITOR C CAPACITOR	39pF 50V J 33pF 50V J	C1203 C1204	NDC31HJ-330X NDC31HJ-560X	C CAPACITOR C CAPACITOR	33pF 50V J 56pF 50V J
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0209 C0210	NCB11AK-106X NCB11AK-106X	C CAPACITOR C CAPACITOR	10uF 10V K 10uF 10V K	C1206 C1209	NCB31CK-104X NDC31HJ-151X	C CAPACITOR C CAPACITOR	0.1uF 16V K 150pF 50V J
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C0212 C0213	NDC31HJ-820X NCB11AK-106X	C CAPACITOR C CAPACITOR	82pF 50V J 10uF 10V K	C1303 C1304	NDC31HJ-330X NDC31HJ-151X	C CAPACITOR C CAPACITOR	33pF 50V J 150pF 50V J
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0215 C0217	NCB31CK-104X NDC31HJ-560X	C CAPACITOR C CAPACITOR	0.1uF 16V K 56pF 50V J	C1306 C1309	NCB31CK-104X NDC31HJ-151X	C CAPACITOR C CAPACITOR	0.1uF 16V K 150pF 50V J
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J	C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C0305 C0307	NDC31HJ-330X NCB31CK-104X	C CAPACITOR C CAPACITOR	33pF 50V J 0.1uF 16V K	C1402 C1403	NDC31HJ-101X NDC31HJ-330X	C CAPACITOR C CAPACITOR	100pF 50V J 33pF 50V J
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0310 C0311	NCB11AK-106X NDC31HJ-820X	C CAPACITOR C CAPACITOR	10uF 10V K 82pF 50V J	C1405 C1406	NCF11CZ-475X NCB31CK-104X	C CAPACITOR C CAPACITOR	4.7uF 16V Z 0.1uF 16V K
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0313 C0314	NCB11AK-106X NCB31CK-104X	C CAPACITOR C CAPACITOR	10uF 10V K 0.1uF 16V K	C1411 C1502	NDC31HJ-470X NCJ41EK-106X-U	C CAPACITOR C CAPACITOR	47pF 50V J 10mF 25V K
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0317 C0401	NDC31HJ-560X NCB31CK-104X	C CAPACITOR C CAPACITOR	56pF 50V J 0.1uF 16V K	C1509 C1511	NCB31HK-103X NRSA63J-105X	C CAPACITOR MG RESISTOR	0.01uF 50V K 1MΩ 1/16W J
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C2036 C2101	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C1001 C1004	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K	C2102	NCB21HK-104X NCJ41CK-226X-U	C CAPACITOR C CAPACITOR	0.1uF 50V K 22mF 16V K
C1005 C1006	NCB31HK-152X NCB31HK-103X	C CAPACITOR C CAPACITOR	1500pF 50V K 0.01uF 50V K	C3004 C3006	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1010 C1011	NDC31HJ-180X NDC31HJ-102X	C CAPACITOR C CAPACITOR	18pF 50V J 1000pF 50V J	C3010 C3016	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1013 C1014	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K	C3019 C3021	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1016 C1017	NCB11AK-106X NCB31HK-103X	C CAPACITOR C CAPACITOR	10uF 10V K 0.01uF 50V K	C3023 C3025	NCB31CK-104X NCB11AK-106X	C CAPACITOR C CAPACITOR	0.1uF 16V K 10uF 10V K
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K
C1019 C1021	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K	C3028 C3030	NDC31HJ-221X NCB31CK-104X	C CAPACITOR C CAPACITOR	220pF 50V J 0.1uF 16V K
C1023 C1025	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K	C3031 C3032	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1028 C1029	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K	C3040 C3041	NCB31CK-104X NDC31HJ-101X	C CAPACITOR C CAPACITOR	0.1uF 16V K 100pF 50V J
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1031 C1032	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K	C3043 C3044	NDC31HJ-101X NCB31CK-104X	C CAPACITOR C CAPACITOR	100pF 50V J 0.1uF 16V K
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1035 C1037	NDC31HJ-680X NCB30JK-225X	C CAPACITOR C CAPACITOR	68pF 50V J 2.2uF 6.3V K	C3047 C3049	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C1038 C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K 0.33uF 10V K
C1039 C1040	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K	C3052 C3056	NCB31AK-334X NCB31AK-334X	C CAPACITOR C CAPACITOR	0.33uF 10V K
C1041 C1042	NCB10JK-106X NCB30JK-225X	C CAPACITOR C CAPACITOR	10uF 6.3V K 2.2uF 6.3V K	C3059 C3060	NCB31HK-223X NCB31HK-152X	C CAPACITOR C CAPACITOR	0.022uF 50V K 1500pF 50V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1045 C1046	NCB31CK-104X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.01uF 50V K	C3065 C3066	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1048 C1049	NCB30JK-105X NCB31HK-103X	C CAPACITOR C CAPACITOR	1uF 6.3V K 0.01uF 50V K	C3068 C3069	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1051 C1061	NCB30JK-105X NDC31HJ-4R0X	C CAPACITOR C CAPACITOR	1uF 6.3V K 4pF 50V J	C3071 C3072	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1063 C1064	NCB21AK-225X NCB31HK-103X	C CAPACITOR C CAPACITOR	2.2uF 10V K 0.01uF 50V K	C3076 C3097	NCB31CK-104X NCB30JK-225X	C CAPACITOR C CAPACITOR	0.1uF 16V K 2.2uF 6.3V K
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K 47uF 6.3V M	C3101 C3105	NCB30JK-225X NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1066 C1067	NBE40JM-476X NCB30JK-105X	TA E CAPACITOR C CAPACITOR	1uF 6.3V K	C3107	NCB31HK-103X	C CAPACITOR C CAPACITOR	2.2uF 6.3V K 0.01uF 50V K
C1068 C1069	NBE40JM-476X NCB21AK-225X	TA E CAPACITOR C CAPACITOR	47uF 6.3V M 2.2uF 10V K	C3109 C3111	NCB31HK-103X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.1uF 16V K
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	C3112	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1072 C1073	NBE20GM-106X NBE40JM-476X	TA E CAPACITOR TA E CAPACITOR	10uF 4V M 47uF 6.3V M	C3127 C3128	NDC31HJ-470X NDC31HJ-470X	C CAPACITOR C CAPACITOR	47pF 50V J 47pF 50V J
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	C3129	NDC31HJ-470X	C CAPACITOR	47pF 50V J

⚠Ref No.	Part No.	Part Name	Description Local	∆Ref No.	Part No.	Part Name	Description Local
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7203	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7403	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C3530	NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K	C7603 C7607	NCB21AK-225X NCB31HK-102X	C CAPACITOR	2.2uF 10V K
C3531 C3532	NCB31CK-104X NCB30JK-225X	C CAPACITOR	0.1uF 16V K 2.2uF 6.3V K	C7608	NCB31HK-221X	C CAPACITOR C CAPACITOR	1000pF 50V K 220pF 50V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9003	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9006	NEHL1HM-106X	E CAPACITOR	10uF 50V M
C4012 C4013	NCB31AK-105X NCB31AK-105X	C CAPACITOR	1uF 10V K 1uF 10V K	C9202 C9203	NCJ41HK-335X-U NCB31EK-393X	CHIP C CAPACITO C CAPACITOR	0.039uF 25V K
C4016	NCB31AK-105X	C CAPACITOR C CAPACITOR	1uF 10V K	C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9212	NCB31HK-133X NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4031 C4901	NCB11AK-106X NCB31HK-103X	C CAPACITOR C CAPACITOR	10uF 10V K 0.01uF 50V K	R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C4906	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C4907 C4908	NCB31HK-103X NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0109 R0110	NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
C4909	NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K	R0116	NRSA63J-101X NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4910	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C4913	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4914	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C4915	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C4916	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C4917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C4919	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C4920	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C4921	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C4922	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C4923	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C4925	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C4926	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C4931	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C4932	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C4933	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C4934	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C4936	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C4937	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0209	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C4938	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4939	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4940	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C4941	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0220	NDC31HJ-390X	C CAPACITOR	39pF 50V J
C4942	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C6014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C6520	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6521	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C6522	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Loca
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R2103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R0241 R0305	NRSA63J-472X NRSA63J-101X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 100Ω 1/16W J	R2104 R2105	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R2121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0307 R0309	NRSA63J-331X NRSA63J-151X	MG RESISTOR MG RESISTOR	330Ω 1/16W J 150Ω 1/16W J	R2122 R2123	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0319 R0320	NRSA63J-271X NDC31HJ-390X	MG RESISTOR C CAPACITOR	270Ω 1/16W J 39pF 50V J	R2151 R2153	NRSA02J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0322 R0325	NRSA63J-102X NRSA63J-222X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 2.2kΩ 1/16W J	R2155 R2157	NRSA63J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/10W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0328 R0329	NRSA63J-102X NRSA63J-103X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 10kΩ 1/16W J	R3006 R3007	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0332 R0333	NRSA63J-472X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 0Ω 1/16W J	R3009 R3012	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0337 R0338	NRSA63J-271X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	270Ω 1/16W J 0Ω 1/16W J	R3014 R3015	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0501 R0502	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R3020 R3021	NRSA02J-3R3X NRSA63D-102X	MG RESISTOR MG RESISTOR	3.3Ω 1/10W J 1kΩ 1/16W D
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0506 R0507	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R3023 R3024	NRSA63D-332X NRSA63J-102X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W D 1kΩ 1/16W J
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R0517 R0518	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R3030 R3031	NRSA63D-102X NRSA63D-151X	MG RESISTOR MG RESISTOR	1kΩ 1/16W D 150Ω 1/16W D
R0519	NRSA63J-0R0X	MG RESISTOR	0.O. 1/16W .J	R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0520 R1001	NRSA63J-0R0X NRSA63J-274X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 270kΩ 1/16W J	R3033 R3034	NRSA63J-5R6X NRSA63J-5R6X	MG RESISTOR MG RESISTOR	5.6Ω 1/16W J 5.6Ω 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1004 R1005	NRSA63J-221X	MG RESISTOR MG RESISTOR	220Ω 1/16W J	R3037 R3038	NRSA63J-220X NRSA63J-472X	MG RESISTOR	22Ω 1/16W J
R1005 R1006	NRSA63J-103X NRSA63J-101X	MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J	R3040	NRSA63J-201X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 200Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1010 R1011	NRSA63J-561X NRSA63J-183X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 18kΩ 1/16W J	R3042 R3043	NRSA63J-201X NRSA63J-562X	MG RESISTOR MG RESISTOR	200Ω 1/16W J 5.6kΩ 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R1013 R1014	NRSA63J-122X NRSA63J-101X	MG RESISTOR MG RESISTOR	1.2kΩ 1/16W J 100Ω 1/16W J	R3045 R3047	NRSA63J-220X NRSA63J-562X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 5.6kΩ 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1019 R1101	NRSA63J-0R0X NRSA63J-182X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1.8kΩ 1/16W J	R3054 R3056	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1104 R1105	NRSA63J-332X NRSA63J-561X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 560Ω 1/16W J	R3064 R3065	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1107 R1108	NRSA63J-331X NRSA63J-681X	MG RESISTOR MG RESISTOR	330Ω 1/16W J 680Ω 1/16W J	R3069 R3070	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1115 R1201	NRSA63J-0R0X NRSA63J-182X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1.8kΩ 1/16W J	R3089 R3090	NRSA63J-220X NRSA63J-220X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 22Ω 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1204 R1205	NRSA63J-332X NRSA63J-561X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 560Ω 1/16W J	R3092 R3093	NRSA63J-220X NRSA63J-220X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 22Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1207 R1213	NRSA63J-331X NRSA63J-330X	MG RESISTOR MG RESISTOR	330Ω 1/16W J 33Ω 1/16W J	R3095 R3096	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1304 R1305	NRSA63J-332X NRSA63J-561X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 560Ω 1/16W J	R3099 R3100	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1307 R1313	NRSA63J-561X NRSA63J-330X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 33Ω 1/16W J	R3102 R3103	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1403 R1404	NRSA63J-101X NRSA63J-332X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 3.3kΩ 1/16W J	R3105 R3106	NRSA63J-510X NRS144J-0R0X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 0Ω 1/4W J
R1404 R1405	NRSA63J-561X	MG RESISTOR	5.5k22 1/16W 3 560Ω 1/16W J	R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1407 R1413	NRSA63J-561X NRSA63J-330X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 33Ω 1/16W J	R3114 R3116	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1524 R1525	NRSA63J-474X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	470kΩ 1/16W J 0Ω 1/16W J	R3120 R3122	NRSA63J-220X NRSA63J-220X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 22Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2057 R2101	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R3152 R3153	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4109	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6529	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6531	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	R6532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6533	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3178 R3179	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6540	NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3180 R3181	NRS144J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/4W J	R6541 R6542	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6543	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6544	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6545	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6550	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3187	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6551	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R6552	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6553	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6554	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6558	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3507 R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3509 R3511 R3514	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R7002 R7003	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3533 R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7030	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7058	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R7083	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4068	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Loca
R7104 R7106	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J	RA3016 RA3018	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7100 R7109	NRSA63J-101X	MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J	RA3020	NRZ0080-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R7112 R7114	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J	RA3022 RA3023	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7114 R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3024	NRZ0040-510X NRZ0040-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J x4
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7119 R7120	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J	RA3026 RA3028	NRZ0040-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3030	NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R7133 R7134	NRSA63J-0R0X NRSA63J-221X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 220Ω 1/16W J	RA3032 RA3502	NRZ0080-510X NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7136 R7137	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	RA3508 RA3512	NRZ0080-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	RA3516 RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7143 R7148	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J	RA3521	NRZ0040-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7150 R7153	NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J	RA3526 RA3530	NRZ0080-510X NRZ0040-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J x4
R7158 R7159	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3531 RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7160	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	RA3540	NRZ0080-510X NRZ0040-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J x4
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3542 RA3545	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7162 R7163	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	RA3545 RA3547	NRZ0080-510X NRZ0040-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J x4
R7214 R7215	NRSA63J-103X NRSA63J-104X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100kΩ 1/16W J	RA4007 RA4008	NRZ0034-101W NRZ0034-101W	NET RESISTOR NET RESISTOR	100Ω 1/32W J x4
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4006 RA4009	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4 100Ω 1/32W J x4
R7219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4010 RA4011	NRZ0034-101W	NET RESISTOR NET RESISTOR	100Ω 1/32W J x4
R7224 R7401	NRSA63J-683X NRSA63J-101X	MG RESISTOR MG RESISTOR	68kΩ 1/16W J 100Ω 1/16W J	RA4011 RA4012	NRZ0034-101W NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4 100Ω 1/32W J x4
R7404 R7601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4013 RA4014	NRZ0034-0R0W NRZ0034-0R0W	NET RESISTOR NET RESISTOR	0Ω 1/32W J x4
R7602	NRSA63J-102X NRSA63J-103X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 10kΩ 1/16W J	RA4015	NRZ0034-0R0W NRZ0034-0R0W	NET RESISTOR NET RESISTOR	0Ω 1/32W J x4 0Ω 1/32W J x4
R7603 R7604	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J	RA6001 RA6515	NRZ0034-0R0W NRZ0034-0R0W	NET RESISTOR NET RESISTOR	0Ω 1/32W J x4
R7604 R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7007	NRZ0034-0R0W NRZ0040-0R0X	NET RESISTOR	0Ω 1/32W J x4 0Ω 1/16W J x4
R7606 R7607	NRSA63J-0R0X NCB31AK-224X	MG RESISTOR C CAPACITOR	0Ω 1/16W J 0.22uF 10V K	RA7601 RA7602	NRZ0034-0R0W NRZ0034-0R0W	NET RESISTOR NET RESISTOR	0Ω 1/32W J x4 0Ω 1/32W J x4
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7609 R7610	NRSA63J-272X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	2.7kΩ 1/16W J 0Ω 1/16W J	RA7604 RA7605	NRZ0034-0R0W NRZ0034-0R0W	NET RESISTOR NET RESISTOR	0Ω 1/32W J x4 0Ω 1/32W J x4
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7612 R7613	NCB31AK-224X NRSA63J-472X	C CAPACITOR MG RESISTOR	0.22uF 10V K 4.7kΩ 1/16W J	RB7614 RB7615	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J				
R7615 R7656	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	L0101 L0201	NQL092K-R68X NQL092K-R68X	COIL COIL	0.68uH K 0.68uH K
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L0301	NQL092K-R68X	COIL	0.68uH K
R7658 R7659	NRSA63J-102X NRSA63J-682X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 6.8kΩ 1/16W J	L0304 L0401	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	L1001	NQR0489-002X	FERRITE BEADS	022 17 10 17 0
R7661 R7664	NRSA63J-471X NRSA63J-102X	MG RESISTOR MG RESISTOR	470Ω 1/16W J 1kΩ 1/16W J	L1002 L1003	NQR0489-002X NQL092K-1R5X	FERRITE BEADS CHIP P COIL	1.5uH K
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1004	NQR0489-002X	FERRITE BEADS	
R7680 R7681	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	L1005 L1006	NQR0489-002X NQR0489-002X	FERRITE BEADS FERRITE BEADS	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	L1008	NQL79GM-220X	COIL	22uH M
R7686 R7688	NRSA63J-105X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	1MΩ 1/16W J 0Ω 1/16W J	L1010 L1011	NRSA02J-0R0X NQL79GM-470X	MG RESISTOR COIL	0Ω 1/10W J 47uH M
R7689 R7690	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	L1101 L1102	NQL092K-6R8X NRSA02J-0R0X	COIL MG RESISTOR	6.8uH K 0Ω 1/10W J
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L1102 L1103	NQL093K-1R0X	P COIL	1uH K
R9201 R9202	NRSA63J-473X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	47kΩ 1/16W J 0Ω 1/10W J	L1104 L1201	NQL093K-R10X NQL092K-6R8X	COIL COIL	0.1uH K 6.8uH K
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	L1201	NQL092K-1R0X	COIL	1uH K
R9205 R9206	NRSA63D-103X NRSA63J-472X	MG RESISTOR MG RESISTOR	10kΩ 1/16W D 4.7kΩ 1/16W J	L1301 L1303	NQL092K-3R3X NQL092K-1R0X	COIL COIL	3.3uH K 1uH K
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L1304	NQL093K-R10X	COIL	0.1uH K
R9208 R9209	NRSA63J-105X NRSA63J-680X	MG RESISTOR MG RESISTOR	1MΩ 1/16W J 68Ω 1/16W J	L1401 L1403	NQL092K-3R3X NQL092K-1R0X	COIL COIL	3.3uH K 1uH K
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L1404	NQL093K-R10X	COIL	0.1uH K
RA1001 RA1002	NRZ0080-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J	L1501 L2101	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA1004 RA1005	NRZ0080-0R0X NRZ0080-0R0X	NET RESISTOR NET RESISTOR	0Ω 1/16W J 0Ω 1/16W J	L3006 L3008	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J
RA1006	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA2012 RA2013	NRZ0080-0R0X NRZ0080-0R0X	NET RESISTOR NET RESISTOR	0Ω 1/16W J 0Ω 1/16W J	L3010 L3011	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J
RA2015	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA2016 RA3002	NRZ0080-0R0X NRZ0034-103W	NET RESISTOR NET RESISTOR	0Ω 1/16W J 10kΩ 1/32W J x4	L3013 L3014	NQL093K-R10X NQL093K-R10X	COIL COIL	0.1uH K 0.1uH K
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	L3015	NQL093K-R10X	COIL	0.1uH K
RA3013 RA3014	NRZ0034-220W NRZ0034-220W	NET RESISTOR NET RESISTOR	22Ω 1/32W J x4 22Ω 1/32W J x4	L3501 L4001	NQR0413-003X NQR0413-003X	FERRITE BEADS FERRITE BEADS	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J

ÆRef No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
L4003 L6501	NRSA02J-0R0X NQR0351-001X	MG RESISTOR FERRITE BEADS	0Ω 1/10W J	C3115 C3116	NCF31CZ-104X NCF31CZ-104X	C CAPACITOR C CAPACITOR	0.1uF 16V Z 0.1uF 16V Z
L6502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	C3117	NCB11AK-475X	C CAPACITOR	4.7uF 10V Z
L6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	C3118	NCB11AK-475X	C CAPACITOR C CAPACITOR	4.7uF 10V K 4.7uF 10V K
L6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	C3119	NCB21CK-105X	C CAPACITOR	1uF 16V K
L6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	C3120	NCB11AK-106X	C CAPACITOR	10uF 10V K
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3121	NCB11AK-475X	C CAPACITOR	4.7uF 10V K
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3122	NCB11AK-335X	C CAPACITOR	3.3uF 10V K
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3123	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3124	NCB31HK-272X	C CAPACITOR	2700pF 50V K
L7005 L7006	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	C3125 C3126	NCB31EK-104X NCB11AK-475X	C CAPACITOR C CAPACITOR	0.1uF 25V K 4.7uF 10V K
L9001	NRSA03J-0R0X	MG RESISTOR	0Ω 1/10W J	C3120	NCB11AK-475X NCB31HK-562X	C CAPACITOR	5600pF 50V K
L9001	NQL71EM-150X	COIL	15uH M	C3127	NCB31HK-302X	C CAPACITOR	0.012uF 50V K
L3201	NGL/ ILW-100X	OOIL	13011101	C3129	NCB11AK-475X	C CAPACITOR	4.7uF 10V K
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	C3130	NCB11AK-475X	C CAPACITOR	4.7uF 10V K
CN002	QGF0508F1-30X	CONNECTOR CONNECTOR	FFC/FPC (1-30)	C3131	NCB11AK-475X	C CAPACITOR	4.7uF 10V K
CN005	QGB0603L1-B0	CONNECTOR	B-B (1-110)	C3132	NEHL1CM-476X	E CAPACITOR	47uF 16V M
J001	NNZ0117-001	HDMI CONNECTOR	DIGIŤAL IŃ	C3133	NCB11AK-475X	C CAPACITOR	4.7uF 10V K
K1001	NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J	C3134	NCB11AK-106X	C CAPACITOR C CAPACITOR	10uF 10V K
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	C3135	NCB11AK-475X	C CAPACITOR	4.7uF 10V K
K1003	NRSA02J-0R0X	MG RESISTOR FERRITE BEADS	0Ω 1/10W J	C3136	NCB21CK-105X	C CAPACITOR C CAPACITOR	1uF 16V K
K1004	NQR0489-002X	FERRITE BEADS	00.4/40W.1	C3138	NCB31CK-683X	C CAPACITOR	0.068uF 16V K
K1005 K2104	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J	C3155 C3156	NCB11CK-225X NCB11CK-225X	C CAPACITOR C CAPACITOR	2.2uF 16V K 2.2uF 16V K
K2104	NQR0489-002X	FERRITE BEADS	052 1/ 10VV 3	C3161	NCB11AK-106X	C CAPACITOR	10uF 10V K
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	C3162	NCB11AK-106X	C CAPACITOR	10uF 10V K
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C3163	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
K3009	NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J	R3001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	R3003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
K9001	NQR0413-003X	FERRITE BEADS		R3004	NRSA63J-221X	MG RESISTOR MG RESISTOR	220Ω 1/16W J
K9002	NQR0413-003X	FERRITE BEADS	400 5 051/ 7	R3005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
LC0102 LC0510	NQR0483-005X	EMI FILTER	100uF 25V Z	R3006	NRSA63J-273X NRSA63J-103X	MG RESISTOR	27kΩ 1/16W J
LC0510 LC0511	NQR0498-001X NQR0498-001X	EMI FILTER EMI FILTER		R3007 R3008	NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J
LC0511	NQR0498-001X	EMI FILTER		R3011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
LC0513	NQR0498-001X	EMI FILTER		R3018	NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	R3111	NRSA63.I-472X	MG RESISTOR	4.7kΩ 1/16W J
LC0520	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%	R3112	NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J
LC0522	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%	R3113	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
LC0523	NQR0483-006X	EMI FILTER		R3114	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	R3115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
LC0525	NQR0483-006X	EMI FILTER	2200-5 50// +500/ 200/	R3116	NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J
LC0526 LC0527	NQR0470-007X NQR0483-006X	EMI FILTER EMI FILTER	2200pF 50V +50%-20%	R3117 R3118	NRSA63J-103X NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
LC6501	NQR0479-001X	EMI FILTER		R3119	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J
LC7001	NQR0470-003X	EMI FILTER	100pF 50V +50%-20%	R3122	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
LC7002	NQR0470-003X	EMI FILTER	100pF 50V +50%-20%	R3123	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J
LC7003	NQR0470-003X	EMI FILTER	100pF 50V +50%-20%	R3125	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
SL7001	NAX0613-001X	C RESONATOR	·	R3126	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
X1001	NAX0642-001X	CRYSTAL		R3127	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
X3001	NAX0635-001X	CXO		R3128	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
X3003	NAX0668-001X	CXO		R3129	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
X4001 X7601	NAX0669-001X	CRYSTAL C RESONATOR		R3131 R3132	NRSA63J-683X NRSA63J-123X	MG RESISTOR MG RESISTOR	68kΩ 1/16W J 12kΩ 1/16W J
V1001	NAX0613-001X	O RESUNATUR		R3132 R3133	NRSA63J-123X NRSA63J-102X	MG RESISTOR	12kΩ 1/16W J 1kΩ 1/16W J
				R3139	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
				R3176	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
RECE!\	FR PW ROA	RD ASS'Y (SFL	0F801A-M2)	R3191	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
⚠Ref No.	Part No.	Part Name	Description Local	L3001	NQL79GM-100X	COIL	10uH M
				L3002	NQL79GM-100X	COIL	10uH M

		Part Name	Description Lo
IC3101	CXA2205Q-X	IC	
IC3102	HA17558AF-X	IC	
IC3106	TPS852-W	PHOTO CONDUCTOR	
Q3001	2SA1530A/QR/-X	TRANSISTOR	
Q3002	2SC3928A/QR/-X	TRANSISTOR	
C3001 C3002 C3005 C3006 C3101 C3102 C3104 C3105 C3106 C3107 C3108 C3110 C3111 C3111 C3111	NEHL1CM-476X NEHL1HM-106X NCB11AK-106X NEHL1CM-476X NEHL1CM-476X NEHL1CM-476X NCB11AK-475X NCB11AK-475X NCF31CZ-104X NCF31CZ-104X NCB11AK-106X NCB31HK-223X NCB31HK-472X NCB31HK-472X NCB31HK-472X NCB31HK-472X NCB31HK-472X NCB31HK-472X NCB31HK-472X NCB31HK-472X NCB31HK-472X NCB11AK-106X	E CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR	47uF 16V M 10uF 50V M 10uF 10V K 47uF 16V M 47uF 16V M 47uF 16V M 4.7uF 10V K 0.1uF 16V Z 0.1uF 16V Z 10uF 10V K 0.022uF 50V K 4700pF 50V K 10uF 10V K 0.1uF 25V K 4700pF 50V K

DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2101A-M2)

TUNER

∆TU3001 QAU0430-001

<u>^</u>	Ref No.	Part No.	Part Name	Description Local
Λ	MD001	SSD-2101A-M2	DIGITAL TUNER MODULE PWB	

PRINTED WIRING BOARD PARTS LIST [LT-32X776/KA]

	G SIGNAL P.\ 21A-M2)	W. BOARD ASS'Y		ÆRef No.	Part No.	Part Name	Description Local
•	•	NPAGE 3-12 FOR THIS	S P.W. BOARD.	D9504 D9505 D9507 D9508	D1FL20U-X MA8220/M/-X D1FL20U-X UDZS5.6B-X	SI DIODE Z DIODE SI DIODE Z DIODE	1.5kΩ 1/10W J
CONNE	CTOR P.W. B	OARD ASS'Y (SF	L-4121A-M2)	D9508 D9509 D9512	SD883-04-X D1FS4-X	IC SB DIODE	1.3X22 1/1UVV J
		PAGE 3-16 FOR THIS	•	D9514 D9515 D9542 D9543	PTZ27B-X PTZ27B-X FCH20A10 FCH20A10	Z DIODE Z DIODE SB DIODE SB DIODE	
FRONT CONTROL P.W. BOARD ASS'Y (SFL-7101A-M2)			D9546 D9609 D9901 D9902	FCH20A10 MA111-X EC30HA04-X MA111-X	SB DIODE SI DIODE SB DIODE SI DIODE		
REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.				D9903 D9905 D9906 D9907	EC30HA04-X D1FL20U-X PTZ11B-X	SB DIODE SI DIODE Z DIODE	
FRONT	LED P.W. BO	ARD ASS'Y (SFL-	8123A-M2)	D9908 D9909	MTZJ16B-T2 MTZJ16B-T2 D1FL20U-X	Z DIODE Z DIODE SI DIODE	
REFER 1	ΓΟ PARTS LIST IN	I PAGE 3-16 FOR THIS	S P.W. BOARD.	D9932 D9933 D9934 D9935	EC30HA04-X EC30HA04-X MA111-X PTZ16B-X	SB DIODE SB DIODE SI DIODE Z DIODE	
SD CAI	RD P.W. BOAR	RD ASS'Y (SFL-83	04A-M2)	∆C9001 ∆C9002	QFZ9072-105 QFZ9072-105	MM CAPACITOR MM CAPACITOR	1uF AC250V K 1uF AC250V K
REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.			△C9002 △C9011 △C9013 △C9101	QCZ9071-471 QCZ9071-471 QCZ9078-472	C CAPACITOR C CAPACITOR C CAPACITOR	470pF AC400V K 470pF AC400V K 4700pF AC250V M	
POWER	R P.W. BOARD	ASS'Y (SFL-903)	DA-M2)	△C9101 △C9102 △C9103	QCZ9078-472 QCZ9078-472	C CAPACITOR C CAPACITOR C CAPACITOR	4700pF AC250V M 4700pF AC250V M 4700pF AC250V M
⚠Ref No.	Part No.	Part Name	Description Local	C9111 C9141	QEZ0709-106 QECR1CM-477Z	E CAPACITOR E CAPACITOR	10uF 450V M 470uF 16V M
IC9141	BA50BC0FP-X	IC		C9142 C9143 C9151	QEHR1AM-337Z QEHR1CM-107Z QEHR1HM-226Z	E CAPACITOR E CAPACITOR E CAPACITOR	330uF 10V M 100uF 16V M 22uF 50V M
∆IC9211 IC9501	FA5500AN-W F9222L-F219	IC IC		△C9197 △C9198	QCZ9071-102 QCZ9071-471	C CAPACITOR C CAPACITOR	1000pF AC400V M 470pF AC400V K
⚠IC9541 IC9602	UTCTL431-T M62320FP-X	IC IC		△C9201 △C9203	QCZ9078-222 QCZ9078-222	C CAPACITOR C CAPACITOR	2200pF AC250V M
IC9901 IC9931	MP1593DN-X MP1593DN-X	IC IC		△C9204 △C9205	QCZ9078-222 QCZ9078-222	C CAPACITOR C CAPACITOR	2200pF AC250V M 2200pF AC250V M 2200pF AC250V M
Q9021	2SC3928A/QR/-X	TRANSISTOR		C9211 C9212	QFZ0222-105 NCB31HK-103X	MM CAPACITOR C CAPACITOR	1uF 450V K 0.01uF 50V K
Q9151 Q9152	2SA1530A/QR/-X 2SD601A/QR/-X	TRANSISTOR TRANSISTOR		C9213 C9214	NCB21CK-105X NDC31HJ-102X	C CAPACITOR C CAPACITOR	1uF 16V K 1000pF 50V J
Q9211 Q9212	2SK3522-01-F1 2SD601A/QR/-X	POWER MOS FET TRANSISTOR		C9215 C9216	QEHR1VM-476Z QEZ0650-227	E CAPACITOR E CAPACITOR	47uF 35V M 220uF 450V M
Q9213 Q9215	IMD3A-W 2SD601A/QR/-X	TRANSISTOR TRANSISTOR		C9218 C9219	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q9216 Q9251	UN2212-X UN2213-X	DIGI TRANSISTOR DIGI TRANSISTOR		C9221	QCZ0354-331Z NCB31HK-222X	C CAPACITOR C CAPACITOR	330pF 2kV K 2200pF 50V K
Q9252 Q9501	UN2212-X 2SD601A/QR/-X	DIGI TRANSISTOR		C9251 C9252	QEHR1HM-107Z NCB31HK-104X	E CAPACITOR C CAPACITOR	100uF 50V M 0.1uF 50V K
Q9502	2SK2865-X	TRANSISTOR POWER MOS FET		C9301 C9302	QECR1EM-687Z QECR1EM-687Z	E CAPACITOR E CAPACITOR	680uF 25V M 680uF 25V M
Q9503 Q9504	2SD601A/QR/-X 2SK2018-01S-W	TRANSISTOR POWER MOS FET		C9501 C9502	NCB31HK-104X NCB31HK-104X	C CAPACITOR C CAPACITOR	0.1uF 50V K 0.1uF 50V K
Q9506 Q9541	UN2213-X UN2212-X	DIGI TRANSISTOR DIGI TRANSISTOR		C9503 C9504	NCB31HK-104X NCB31HK-223X	C CAPACITOR C CAPACITOR	0.1uF 50V K
Q9602 Q9603	2SB1188/QR/-W UN2212-X	TRANSISTOR DIGI TRANSISTOR		C9505	NCB31HK-223X	C CAPACITOR	0.022uF 50V K 0.022uF 50V K
Q9606 Q9901	2SC3928A/QR/-X	TRANSISTOR		C9506 C9507	NCB31HK-331X NCB31HK-472X	C CAPACITOR C CAPACITOR	330pF 50V K 4700pF 50V K
Q9901 Q9931	2SD601A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR		C9508 C9509	NCB11AK-335X QEHR1HM-107Z	C CAPACITOR E CAPACITOR	3.3uF 10V K 100uF 50V M
D9001	MA8047-X	Z DIODE		C9510 C9511	QEHR2AM-107Z QFZ0209-393	E CAPACITOR MPP CAPACITOR	100uF 100V M 0.039uF
D9021 D9111	MA111-X S1WB/A/60-4101	SI DIODE BRIDGE DIODE		C9512 C9520	QEHR1HM-107Z NCB31HK-331X	E CAPACITOR C CAPACITOR	100uF 50V M 330pF 50V K
D9151 ∆D9201	MA8024-X D25XB60	Z DIODE BRIDGE DIODE		C9541	QECQ1VM-128	E CAPACITOR	1200uF 35V M
D9202 D9205	MA111-X MA3082/M/-X	SI DIODE Z DIODE		C9544 C9545	QECQ1VM-128 QECQ1VM-128	E CAPACITOR E CAPACITOR	1200uF 35V M 1200uF 35V M
D9211	YG972S6R	SI DIODE		C9550 C9551	QECQ1VM-128 NCB11HK-104X	E CAPACITOR C CAPACITOR	1200uF 35V M 0.1uF 50V K
D9213 D9214	MA111-X MA111-X	SI DIODE SI DIODE		C9552 C9553	NCB31HK-223X QEHR1EM-477Z	C CAPACITOR E CAPACITOR	0.022uF 50V K 470uF 25V M
D9215 D9251	D1FL20U-X MA3100/M/-X	SI DIODE Z DIODE		C9606 C9609	NCB11CK-475X NCB31EK-104X	C CAPACITOR C CAPACITOR	4.7uF 16V K 0.1uF 25V K
D9252 D9253	MA111-X MA111-X	SI DIODE SI DIODE		C9610	NDC31HJ-680X	C CAPACITOR	68pF 50V J
D9254 D9301	D1FL20U-X FME-220A	SI DIODE SB DIODE		C9611 C9614	NDC31HJ-680X NBZ0017-106X	C CAPACITOR SP E CAPACITOR	68pF 50V J 10uF 25V M
D9301 D9302	FME-220A FME-220A MA8220/M/-X	SB DIODE SB DIODE Z DIODE		C9902 C9903	NCB31HK-103X QECR1CM-477Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 470uF 16V M 22mF 16V K
D9501				C9904	NCJ41CK-226X-U	C CAPACITOR	

Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
C9908 C9909 C9912 C9913	QEHR2AM-106Z QEHR1HM-106Z QEHR1CM-477Z NCJ41HK-335X-U	E CAPACITOR E CAPACITOR E CAPACITOR CHIP C CAPACITO	10uF 100V M 10uF 50V M 470uF 16V M	R9529 R9536 R9541 R9542	QRL039J-681 NRSA02J-0R0X NRSA63J-684X NRSA02J-103X	OMF RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	680Ω 3W J 0Ω 1/10W J 680kΩ 1/16W J 10kΩ 1/10W J
C9914	QTNC1HM-106Z	E CAPACITOR	10uF 50V M	R9543	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C9917	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R9544	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D
C9934	NCB31EK-273X	C CAPACITOR	0.027uF 25V K	R9545	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D
C9935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R9546	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C9936	NCJ41HK-335X-U	CHIP C CAPACITO		R9548	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
C9937	NCJ41HK-335X-U	CHIP C CAPACITO		R9549	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9938	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R9552	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
C9939	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R9562	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J
 AR9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	R9563 R9603	NRS12BJ-6R8W NRSA63J-103X	MG RESISTOR MG RESISTOR	6.8Ω 1/2W J 10kΩ 1/16W J
R9003 R9004 R9005	NRS12BJ-223W NRS12BJ-333W NRS12BJ-333W	MG RESISTOR MG RESISTOR MG RESISTOR	22kΩ 1/2W J 33kΩ 1/2W J	R9615 R9616 R9622	NRSA63J-101X NRSA63J-101X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R9005 R9021 R9022	NRSA63J-222X NRSA63J-473X	MG RESISTOR MG RESISTOR MG RESISTOR	33kΩ 1/2W J 2.2kΩ 1/16W J 47kΩ 1/16W J	R9623 R9629	NRSA63J-0R0X NRSA63J-473X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 47kΩ 1/16W J
R9101 R9141	QRZ0216-4R7 QRX01GJ-1R0	UNF WW RESISTOR MF RESISTOR	4.7Ω 7W K 1Ω 1W J	R9631 R9632	NRSA03J-473X NRSA02J-332X NRSA63J-101X	MG RESISTOR MG RESISTOR	3.3kΩ 1/10W J 100Ω 1/16W J
R9142 R9148	QRX01GJ-1R0 QRX01GJ-R82 NRSA63J-183X	MF RESISTOR MG RESISTOR	0.82Ω 1W J 18kΩ 1/16W J	R9635 R9637	NRS12BJ-221W NRSA02J-0R0X	MG RESISTOR MG RESISTOR	220Ω 1/10W J 0Ω 1/10W J
R9151 R9152	NRSA63J-333X NRSA63J-104X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 100kΩ 1/16W J	R9641 R9643	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J
R9153	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R9657	NRS12BJ-6R8W	MG RESISTOR	6.8Ω 1/2W J
R9154	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	R9658	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R9155	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R9659	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9156	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	R9660	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9661	NRS12BJ-6R8W	MG RESISTOR	6.8Ω 1/2W J
<u>∕</u> ∆R9199	QRZ9046-685Z	C RESISTOR	6.8MΩ 1/2W K	R9665	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
⚠R9201	QRZ9055-8R2	FUSI RESISTOR	8.2Ω 2W K	R9901	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9203	NRS12BJ-681W	MG RESISTOR	680Ω 1/2W J		NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D
R9211 R9212	NRS12BJ-474W NRS12BJ-474W	MG RESISTOR MG RESISTOR	470kΩ 1/2W J 470kΩ 1/2W J	R9902 R9903 R9904	NRSA63D-103X NRSA63D-184X	MG RESISTOR MG RESISTOR	10kΩ 1/16W D 180kΩ 1/16W D
R9213	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	R9905	QRK126J-222X	UNF C RESISTOR	2.2kΩ 1/2W J
R9214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9906	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R9215 R9216	NRSA63J-101X NRSA63J-224X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 220kΩ 1/16W J	R9907 R9908 R9909	NRSA63J-122X NRSA63J-183X	MG RESISTOR MG RESISTOR	1.2kΩ 1/16W J 18kΩ 1/16W J
R9217	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R9913	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9218	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D		NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R9219	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J	R9923	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9220	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	R9933	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9221	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	R9934	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9222	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	R9935	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9223 R9224	NRS181J-824X NRS181J-824X	MG RESISTOR MG RESISTOR	820kΩ 1/8W J 820kΩ 1/8W J	R9936 R9937 R9938 R9939	NRSA63J-103X NRSA63D-224X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 220kΩ 1/16W D
R9225	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	R9938	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D
R9226	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	R9939	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R9227	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	R9940	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R9228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9941	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R9229	NRSA63D-274X	MG RESISTOR	270kΩ 1/16W D	R9942	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9233 R9236	NRS181J-0R0X NRS12BJ-474W	MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/8W J 470kΩ 1/2W J	R9942 R9943 R9944	NRSA02J-0R0X NRSA63J-183X	MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J 18kΩ 1/16W J
R9237 R9238	NRSA63J-103X NRS12BJ-220W	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 22Ω 1/2W J	L9141	NQL52EN-4R7X	COIL	4.7uH N
R9239 R9251	NRS12BJ-1R0W NRSA63J-0R0X	MG RESISTOR MG RESISTOR	1Ω 1/2W J 0Ω 1/16W J	L9201 L9202	QQR1662-001 QQR1513-001	CHOKE COIL	7.7 (1111)
R9253	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	L9541	NQL71EM-150X	COIL	15uH M
R9254	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L9542	NQL52EM-470X	COIL	47uH M
R9255	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	L9902	NQR0562-001X	CHOKE COIL	
R9256	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	L9903	NQR0562-001X	CHOKE COIL	
R9257	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	L9904	NQL63EM-470X	COIL	47uH M
R9301	QRT039J-1R2	MF RESISTOR	1.2Ω 3W J	L9931	NQL71EM-470X	COIL	47uH M
R9302	QRT039J-1R2	MF RESISTOR	1.2Ω 3W J	L9932	NQR0562-001X	CHOKE COIL	
R9501	QRL039J-103	OMF RESISTOR	10kΩ 3W J	T9121	QAL0425-001	POWER TRANSF	
R9502 R9503	QRL039J-103 NRS181J-824X	OMF RESISTOR MG RESISTOR	10kΩ 3W J 820kΩ 1/8W J		QQS0347-002 QQS0347-002	SW TRANSF SW TRANSF	
R9504 R9505	NRS181J-824X NRS181J-824X	MG RESISTOR MG RESISTOR	820kΩ 1/8W J 820kΩ 1/8W J	CN0006	QGB2501J1-07	CONNECTOR	B-B (1-7)
R9506	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	△CN0007	QGB2501J1-10	CONNECTOR	B-B (1-10)
R9507	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	CN000H	QGF1201C2-21	CONNECTOR	FFC/FPC (1-21)
R9508	QRT029J-R56	MF RESISTOR	0.56Ω 2W J	△CP9121	QMFZ052-2R0-E	FUSE	2A AC250V
R9509	QRM059J-R27	MP RESISTOR	0.27Ω 5W J	△CP9211	QMFZ043-2R0Z-J1	FUSE	2A AC250V
R9510	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	⚠CP9301	QMFZ034-5R0Z-J1	FUSE	5A 125V
R9511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	⚠CP9302	QMFZ034-5R0Z-J1	FUSE	5A 125V
R9512	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	⚠F9001	QMF51D2-6R3-J1	FUSE	6.3A AC250V
R9512 R9513 R9514	NRSA63J-223X NRSA63J-104X	MG RESISTOR MG RESISTOR MG RESISTOR	22kΩ 1/16W J 100kΩ 1/16W J	K9001 K9111	QRN143J-0R0X NQR0499-001X	C RESISTOR FERRITE BEADS	0.3A AC250V 0Ω 1/4W J
R9515	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	K9211	QQR0621-002Z	FERRITE BEADS	
R9516	QRT029J-2R2	MF RESISTOR	2.2Ω 2W J	K9212	QQR0621-002Z	FERRITE BEADS	
R9517	NRS12BJ-332W	MG RESISTOR	3.3kΩ 1/2W J	K9501	NQR0499-002X	FERRITE BEADS	
R9518	QRK126J-271X	UNF C RESISTOR	270Ω 1/2W J	K9502	NQR0499-002X	FERRITE BEADS	
R9519	NRSA02J-180X	MG RESISTOR	18Ω 1/10W J	K9503	NQR0499-002X	FERRITE BEADS	
R9520	QRE121J-105Y	C RESISTOR	1MΩ 1/2W J	K9504	NQR0499-002X	FERRITE BEADS	
R9521	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	K9505	NQR0499-002X	FERRITE BEADS	0Ω 1/10W J
R9525	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	K9508	NRSA02J-0R0X	MG RESISTOR	
R9526	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	K9509	NQR0499-002X	FERRITE BEADS	
R9527	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K9541	NQR0499-001X	FERRITE BEADS	

Ref No.	Part No.	Part Name	Description Local	ÆRef No.	Part No.	Part Name	Description Local
Ref No.	Part No.	LINE FILTER LINE FILTER LINE FILTER PHOTO COUPLER PHOTO COUPLER PHOTO COUPLER RELAY RELAY VARISTOR PARD ASS'Y (SF Part Name	620V FL-9130A-M2) Description Local	R9826 R9827 R9828 R9829 R9830 R9831 R9841 R9843 R9844 R9845 R9846 R9847 R9848 R9849 R9861 R9862	NRSA63D-103X NRSA63D-124X NRSA63J-682X NRSA63J-182X NRSA63J-183X NRSA02J-0R0X NRSA63J-473X NRSA02J-0R0X NRSA63J-103X NRSA63J-103X NRSA63D-223X NRSA63D-103X NRSA63D-103X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA63J-473X NRSA63J-473X NRSA63J-473X	MG RESISTOR	10kΩ 1/16W D 120kΩ 1/16W D 6.8kΩ 1/16W J 1.8kΩ 1/16W J 1.8kΩ 1/16W J 0Ω 1/10W J 47kΩ 1/16W J 0Ω 1/10W J 68Ω 1/16W J 10kΩ 1/16W J 22kΩ 1/16W D 150kΩ 1/16W D 150kΩ 1/16W D 0Ω 1/10W J 47kΩ 1/16W D 0Ω 1/10W J 47kΩ 1/16W D
IC9801 IC9821 IC9841 IC9861 IC9881	MP1593DN-X MP1593DN-X MP1593DN-X MP1593DN-X LM393DR-X	IC IC IC IC		R9864 R9865 R9866 R9867 R9868	NRSA63J-680X NRSA63J-103X NRSA63D-153X NRSA63D-103X NRSA63D-103X NRSA63D-154X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	68Ω 1/16W J 10kΩ 1/16W J 15kΩ 1/16W D 10kΩ 1/16W D 150kΩ 1/16W D
Q9801 Q9821	2SC3928A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR		R9869 R9881 R9882 R9883	NRSA02J-0R0X NRS12BJ-332W NRSA63D-472X NRSA63D-472X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/10W J 3.3kΩ 1/2W J 4.7kΩ 1/16W D 4.7kΩ 1/16W D
D9802 D9803 D9805 D9822	EC30HA04-X MA111-X PTZ6.8B-X EC30HA04-X	SB DIODE SI DIODE Z DIODE SB DIODE		R9884 R9885 R9886	NRSA63J-682X NRSA63D-273X NRSA63D-472X	MG RESISTOR MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 27kΩ 1/16W D 4.7kΩ 1/16W D
D9823 D9824 D9825 D9842 D9843	PTZ6.8B-X MA111-X EC30HA04-X EC30HA04-X	Z DIODE SI DIODE SB DIODE SB DIODE		L9802 L9822 L9823 L9842 L9862	NQL98EM-150X NQL71EM-150X NQR0562-003X NQL98EM-150X NQL98EM-150X	COIL COIL CHOKE COIL COIL COIL	15uH M 15uH M 15uH M 15uH M
D9861 D9862 D9863 D9864 D9881 D9882	PTZ3.9B-X MA111-X EC30HA04-X PTZ3.9B-X EC30HA04-X UDZS9.1B-X MA111-X	Z DIODE SI DIODE SB DIODE Z DIODE SB DIODE Z DIODE SI DIODE		CN9806 CN9807	QGB2501K2-07 QGB2501K2-10	CONNECTOR CONNECTOR	B-B (1-7) B-B (1-10)
C9803 C9804	NCJ41HK-335X-U NCB31HK-103X	CHIP C CAPACITO C CAPACITOR	0.01uF 50V K		L SIGNAL P.W. 132A-M2)	BOARD ASS'Y	
C9805 C9806 C9807 C9810 C9821 C9822 C9823 C9825 C9826 C9827 C9830 C9831 C9844 C9845 C9846 C9847 C9848 C9865 C9866 C9865 C9866 C9867 C9868 C9881 C9883 C9884 R9803 R9804 R9805 R9806	NCB31HK-222X NCJ41CK-226X-U NCB31HK-332X NEHM1HM-105X NCJ41HK-335X-U NCB31HK-104X NCB31HK-103X NDC31HJ-101X NCJ41CK-226X-U NCB31HK-103X NBZ0008-107X NCJ41CK-226X-U NCJ41HK-335X-U NCJ41HK-335X-U NCJ41HK-335X-U NCJ41HK-335X-U NCJ41HK-326X-U NCJ41HK-326X-U NCJ41HK-326X-U NCJ41HK-326X-U NCJ41HK-326X-U NCJ41HK-326X-U NCJ41HK-325X-U NCJ41CK-226X-U NCJ41HK-325X-U NCJ41CK-226X-U NCJ41HK-335X-U NCB31HK-103X NDC31HJ-121X NCJ41CK-226X-U NCB31HK-103X NDC31HJ-121X NCJ41CK-226X-U NCB31HK-103X NCB31HK-103X NCB31HK-104X NCB31EK-104X	C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR C C C C C C C C C C	2200pF 50V K 22mF 16V K 3300pF 50V K 1uF 50V M 0.1uF 50V K 0.01uF 50V K 100pF 50V J 22mF 16V K 0.01uF 50V K 100uF 6.3V M 22mF 16V K 0.01uF 50V K 120pF 50V J 22mF 16V K 2200pF 50V J 22mF 16V K 2200pF 50V K 22mF 16V K 2200pF 50V K 22mF 16V K 0.01uF 50V K 120pF 50V J 22mF 16V K 0.01uF 50V K 120pF 50V J 22mF 16V K 0.01uF 50V K 120pF 50V J 22mF 16V K 0.01uF 50V K 0.01uF 25V K 0.1uF 25V K	△Ref No. IC0401 IC1001 IC1001 IC1003 IC1502 IC3001 IC3005 IC3006 IC3007 IC3008 IC3403 IC3501 IC3503 IC4004 IC4003 IC4001 IC4003 IC4001 IC7002 IC7001 IC7002 IC7001 IC7003 IC7607 IC7608 IC7607 IC7608 IC7609	Part No. SN74AHCT1G32V-X TC90A92AFG MM1572FN-X R1141Q151D-X NJM2235V-X JCC5055 TC7MB3257FK-X SN74LVC1G08V-X SN74LVC2G126T-X SN74LVC3G17U-X R1170H331B-X S-80928CLNB-G-W EDD1232AAFA-7A EDD1232AAFA-7A EDD1232AAFA-7A LP2996MR-X JCC5057 AT29LE-32X776KA ATF25632X776K1 SN74LVC1G08V-X THC63LVDM83R-W MN102H60KPH ATF25632X776K2 SN74LVC1G08V-X WM102H60KPH ATF25632X776K2 SN74LVC1G08V-X MN102H60KPH ATF2563ZY76K2 SN74LVC1G04V-X MN102H00KPH ATF2563ZY76K2 SN74LVC1G04V-X MN1510XN-X MN1510XN-X MN1510XN-X MN1510XN-X SN74LVC1G08V-X MN1510XN-X SN74LVC1G08V-X MN1510XN-X SN74LVC1G08V-X MN1510XN-X SN74LVC1G08V-X MN1510XN-X SN74LVC1G08V-X MN1510XN-X	Part Name IC	(SERVICE) (SERVICE) (SERVICE)
R9807 R9808 R9809 R9810 R9812 R9821 R9822 R9823 R9824 R9825	NRSA63D-103X NRSA63J-682X NRSA63J-182X NRSA63J-182X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA63J-104X NRSA63J-103X NRSA63J-103X NRSA63D-473X	MG RESISTOR	10kΩ 1/16W D 6.8kΩ 1/16W J 1.8kΩ 1/16W J 18kΩ 1/16W J 0Ω 1/10W J 0Ω 1/10W J 4.7kΩ 1/16W J 100kΩ 1/16W J 10kΩ 1/16W J 47kΩ 1/16W J	IC9201 Q0101 Q0102 Q0104 Q0107 Q0108 Q0109 Q0110 Q0201 Q0202	MP1593DN-X 2SC3837K/NP/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1530A/QR/-X 2SC3928A/QR/-X HN1C01F/Y/-X HN1C01F/Y/-X 2SC3837K/NP/-X 2SC3837K/NP/-X	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	

∆Ref No.	Part No.	Part Name	Description Local	∆Ref No.	Part No.	Part Name	Description Local
Q0204 Q0207 Q0208 Q0209 Q0210 Q0301 Q0302 Q0304 Q0307 Q0308 Q0309 Q0310 Q1001 Q1001 Q1001 Q1003 Q1201 Q1203 Q1301 Q1201 Q1203 Q1301 Q1403 Q1301 Q1401 Q1403 Q3001 Q3001 Q3002 Q3003 Q3004 Q4001 Q4001 Q501 Q7207 Q7208	2SA1022/BC/-X 2SA1530A/QR/-X 2SC3928A/QR/-X HN1C01F/Y/-X 2SC3928A/QR/-X HN1C01F/Y/-X 2SC39337K/NP/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR		C1009 C1010 C1011 C1012 C1013 C1014 C1015 C1016 C1017 C1018 C1019 C1021 C1023 C1025 C1026 C1028 C1029 C1030 C1031 C1031 C1032 C1035 C1037 C1038 C1039 C1038 C1039 C1040 C1041 C1042 C1042 C1043 C1045 C1046 C1047 C1048	NDC31HJ-220X NDC31HJ-180X NDC31HJ-102X NCB31HK-103X	C CAPACITOR C C CAPACITOR C C CAPACITOR C C CAPACITOR C C C C C C C C C C C C C C C C C C C	22pF 50V J 18pF 50V J 100pF 50V J 0.01uF 50V K
D1001 D1002 D2101 D7001 D7003 D7005 D7006 D7007 D7008 D7009 D7010 D7203 D9201 D9203	EC30HA03L-X EC30HA03L-X 1SS355-X 1SS355-X RB501V-40-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X 1SS355-X 1SS355-X EC30HA04-X PTZ3.9B-X 1SS355-X	SB DIODE SB DIODE SI DIODE SI DIODE SB DIODE Z DIODE SI DIODE SI DIODE SB DIODE SB DIODE SB DIODE SI DIODE		C1049 C1050 C1051 C1061 C1062 C1063 C1064 C1065 C1066 C1067 C1068 C1069 C1071 C1072 C1072	NCB31HK-103X NCB30JK-105X NCB30JK-105X NDC31HJ-4R0X NBE40JM-476X NCB21AK-225X NCB31HK-103X NCB30JK-105X NBE40JM-476X NCB30JK-105X NBE40JM-476X NCB21AK-225X NBE20GM-106X NBE20GM-106X NBE20GM-106X NBE40JM-476X	C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR TA E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR TA E CAPACITOR TA E CAPACITOR C CAPACITOR TA E CAPACITOR	0.01uF 50V K 1uF 6.3V K 1uF 6.3V K 4pF 50V J 47uF 6.3V M 2.2uF 10V K 0.01uF 50V K 1uF 6.3V K 47uF 6.3V M 1uF 6.3V M 2.2uF 10V K 10uF 4V M 10uF 4V M 47uF 6.3V M
C0104 C0105 C0107 C0109 C0110 C0111 C0112 C0113 C0114 C0115 C0116 C0117 C0204 C0205 C0207 C0209 C0211 C0212 C0213 C0214 C0215 C0217 C0309 C0301 C0301 C0311 C0312 C0313 C0311 C0312 C0311 C0312 C0311 C0312 C0311 C0312 C0311 C0312 C0313 C0311 C0310	NDC31HJ-390X NDC31HJ-330X NCB31CK-104X NCB11AK-106X NCB11AK-106X NDC31HJ-820X NDC31HJ-820X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-106X NDC31HJ-330X NDC31HJ-330X NDC31HJ-330X NCB31CK-104X NCB11AK-106X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NCB11AK-106X NCB11AK-106X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-104X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-390X NDC31HJ-360X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-86X NDC31HJ-86X NDC31HJ-860X NDC31HJ-860X NCB31CK-104X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X	C CAPACITOR C C C C C	39pF 50V J 33pF 50V J 0.1uF 16V K 10uF 10V K 10uF 10V K 82pF 50V J 82pF 50V J 10uF 10V K 0.1uF 16V K 0.1uF 16V K 0.1uF 16V K 10uF 10V K 56pF 50V J 33pF 50V J 33pF 50V J 0.1uF 16V K 10uF 10V K 82pF 50V J 0.1uF 16V K 10uF 10V K 82pF 50V J 0.1uF 16V K 10uF 10V K 0.1uF 16V K 10uF 10V K 0.1uF 16V K 10uF 10V K 10uF 10V K 10uF 10V K 10uF 10V K 0.1uF 16V K 10uF 10V K 0.1uF 16V K	C1074 C1075 C1076 C1076 C1077 C1102 C1103 C1104 C1105 C1106 C1107 C1109 C1111 C1202 C1203 C1204 C1205 C1206 C1209 C1301 C1301 C1404 C1305 C1306 C1309 C1301 C1404 C1405 C1406 C1409 C1411 C1502 C1508 C1509 C1501 C2101 C2102 C3004 C3006	NBE40JM-476X NBE40JM-476X NBE20GM-106X NEHM1CM-476X NDC31HJ-330X NDC31HJ-680X NDC31HJ-560X NCF11CZ-475X NCB31CK-104X NDC31HJ-1560X NDC31HJ-151X NRSA63J-681X NDC31HJ-330X NDC31HJ-330X NDC31HJ-330X NDC31HJ-330X NDC31HJ-151X NCF31CZ-475X NCB31CK-104X NDC31HJ-151X NDC31HJ-10X NDC31HJ-151X NDC31HJ-151X NDC31HJ-10X NCB31CK-104X NDC31HJ-106X-U NCF11CZ-475X NCB31HK-103X NRSA63J-105X NDC31HJ-100X NCB21HK-104X NCB21HK-104X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-104X	TA E CAPACITOR TA E CAPACITOR TA E CAPACITOR TA E CAPACITOR C CAPACITOR	47uF 6.3V M 47uF 6.3V M 10uF 4V M 47uF 16V M 33pF 50V J 68pF 50V J 56pF 50V J 56pF 50V J 4.7uF 16V K 56pF 50V J 150pF 50V J 33pF 50V J 33pF 50V J 33pF 50V J 56pF 50V J 4.7uF 16V Z 0.1uF 16V Z

⚠Ref No.	Part No.	Part Name	Description Local	∆Ref No.	Part No.	Part Name	Description Local
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3010 C3016	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C4022 C4023	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C3018 C3019	NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K	C4029 C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3021	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C4031	NDC31HJ-470X NCB11AK-106X	C CAPACITOR C CAPACITOR	47pF 50V J 10uF 10V K
C3022 C3023	NBZ0007-107X NCB31CK-104X	SP E CAPACITOR C CAPACITOR	100uF 4V M 0.1uF 16V K	C4901 C4902	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K	C4906	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3026 C3028	NCB11AK-106X NDC31HJ-221X	C CAPACITOR C CAPACITOR	10uF 10V K 220pF 50V J	C4907 C4908	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4909	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3031 C3032	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C4910 C4913	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4914	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3040 C3041	NCB31CK-104X NDC31HJ-101X	C CAPACITOR C CAPACITOR	0.1uF 16V K 100pF 50V J	C4915 C4916	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3043 C3044	NDC31HJ-101X NCB31CK-104X	C CAPACITOR C CAPACITOR	100pF 50V J 0.1uF 16V K	C4919 C4920	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4921	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3047 C3049	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C4922 C4923	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	C4925	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3052 C3056	NCB31AK-334X NCB31AK-334X	C CAPACITOR C CAPACITOR	0.33uF 10V K 0.33uF 10V K	C4926 C4931	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	C4932	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3060 C3063	NCB31HK-152X NCB31CK-104X	C CAPACITOR C CAPACITOR	1500pF 50V K 0.1uF 16V K	C4933 C4934	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3066 C3067	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C4936 C4937	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4938	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3069 C3070	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C4939 C4940	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4941	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3072 C3074	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C4942 C6013	NCB31HK-103X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.1uF 16V K
C3076 C3097	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6014 C6015	NCB31CK-104X NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3097 C3101	NCB30JK-225X NCB30JK-225X	C CAPACITOR C CAPACITOR	2.2uF 6.3V K 2.2uF 6.3V K	C6512	NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C3105 C3107	NCB30JK-225X NCB31HK-103X	C CAPACITOR C CAPACITOR	2.2uF 6.3V K 0.01uF 50V K	C6513 C6514	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3111 C3112	NCB31CK-104X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.01uF 50V K	C6516 C6520	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C3127	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C6521	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3128 C3129	NDC31HJ-470X NDC31HJ-470X	C CAPACITOR C CAPACITOR	47pF 50V J 47pF 50V J	C6522 C6523	NCB31CK-104X NCB11AK-106X	C CAPACITOR C CAPACITOR	0.1uF 16V K 10uF 10V K
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3501 C3503	NCF31CZ-474X NCF31CZ-474X	C CAPACITOR C CAPACITOR	0.47uF 16V Z 0.47uF 16V Z	C7002 C7003	NCB31AK-105X NCF11CZ-475X	C CAPACITOR C CAPACITOR	1uF 10V K 4.7uF 16V Z
C3506	NCB30JK-225X NCF31CZ-474X	C CAPACITOR	2.2uF 6.3V K	C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C3507 C3508	NCF31CZ-474X NCF31CZ-474X	C CAPACITOR C CAPACITOR	0.47uF 16V Z 0.47uF 16V Z	C7007 C7012	NCB31AK-105X NCB31HK-103X	C CAPACITOR C CAPACITOR	1uF 10V K 0.01uF 50V K
C3509 C3511	NCB30JK-225X NCF31CZ-474X	C CAPACITOR C CAPACITOR	2.2uF 6.3V K 0.47uF 16V Z	C7017 C7018	NDC31HJ-391X NCB31AK-105X	C CAPACITOR C CAPACITOR	390pF 50V J 1uF 10V K
C3515	NCB31CK-104X	C CAPACITOR	0.47uF 16V Z 0.1uF 16V K	C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3516 C3517	NCF31CZ-474X NCF31CZ-474X	C CAPACITOR C CAPACITOR	0.47uF 16V Z 0.47uF 16V Z	C7203 C7401	NCB31HK-473X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.047uF 50V K 0.1uF 16V K
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3519 C3524	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C7403 C7601	NCB31HK-102X NDC31HJ-102X	C CAPACITOR C CAPACITOR	1000pF 50V K 1000pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C3530 C3531	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C7603 C7607	NCB21AK-225X NCB31HK-102X	C CAPACITOR C CAPACITOR	2.2uF 10V K 1000pF 50V K
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K
C3533 C3535	NCB30JK-225X NCF31CZ-474X	C CAPACITOR C CAPACITOR	2.2uF 6.3V K 0.47uF 16V Z	C7609 C7610	NCB21AK-225X NCB31HK-681X	C CAPACITOR C CAPACITOR	2.2uF 10V K 680pF 50V K
C3539 C3540	NCF31CZ-474X NCF31CZ-474X	C CAPACITOR C CAPACITOR	0.47uF 16V Z 0.47uF 16V Z	C7611 C7612	NCB31HK-681X NRSA63J-0R0X	C CAPACITOR MG RESISTOR	680pF 50V K 0Ω 1/16W J
C3542	NCF31CZ-474X NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z 0.47uF 16V Z	C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3543 C3548	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C7614 C7615	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C3550 C3551	NCB31CK-104X NBZ0007-107X	C CAPACITOR SP E CAPACITOR	0.1uF 16V K 100uF 4V M	C7617 C7618	NCB31CK-104X NCB11AK-106X	C CAPACITOR C CAPACITOR	0.1uF 16V K 10uF 10V K
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4002 C4003	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C7621 C7622	NCB11AK-106X NCF11CZ-475X	C CAPACITOR C CAPACITOR	10uF 10V K 4.7uF 16V Z
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C4006 C4008	NCB31AK-105X NCF11CZ-475X	C CAPACITOR C CAPACITOR	1uF 10V K 4.7uF 16V Z	C9002 C9003	NEHM1CM-476X NEHM1CM-476X	E CAPACITOR E CAPACITOR	47uF 16V M 47uF 16V M
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C4010 C4011	NCB31AK-105X NCF11CZ-475X	C CAPACITOR C CAPACITOR	1uF 10V K 4.7uF 16V Z	C9005 C9006	NRSA63J-0R0X NEHL1HM-106X	MG RESISTOR E CAPACITOR	0Ω 1/16W J 10uF 50V M
C4012 C4013	NCB31AK-105X NCB31AK-105X	C CAPACITOR C CAPACITOR	1uF 10V K 1uF 10V K	C9202 C9203	NCJ41HK-335X-U NCB31EK-393X	CHIP C CAPACITO C CAPACITOR	0.039uF 25V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
C9205 C9207	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C9209	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
	NEZ0022-157X	E CAPACITOR	150uF 10V M	R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
			·	R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J 100Ω 1/16W J	R1018 R1019	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0109 R0110	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J	R1101	NRSA63J-0R0X NRSA63J-182X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1.8kΩ 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0140	NRSA63J-182X NRSA63J-472X	MG RESISTOR	1.8kΩ 1/16W J 4.7kΩ 1/16W J	R1213	NRSA63J-330X NRSA63J-182X	MG RESISTOR	33Ω 1/16W J
R0141 R0205	NRSA63.I-101X	MG RESISTOR MG RESISTOR	4.7 KΩ 1/16W J 100Ω 1/16W J	R1301 R1303	NRSA63J-101X	MG RESISTOR MG RESISTOR	1.8kΩ 1/16W J 100Ω 1/16W J
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0209	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0220	NDC31HJ-390X	C CAPACITOR	39pF 50V J	R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0232 R0233	NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J	R1584 R2056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-0R0X NRSA63J-472X	MG RESISTOR	0Ω 1/16W J 4.7kΩ 1/16W J	R2057	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R2103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R2104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0305 R0306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2105	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R2121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R2122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0309	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R2123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R2151	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R0320	NDC31HJ-390X	C CAPACITOR	39pF 50V J	R2153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R2155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R2157	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0520 R1001	NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 270kΩ 1/16W J	R3033 R3034	NRSA63J-5R6X	MG RESISTOR MG RESISTOR	5.6Ω 1/16W J 5.6Ω 1/16W J
R1002	NRSA63J-274X NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	R3036	NRSA63J-5R6X NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3041 R3042	NRSA63J-102X NRSA63J-201X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 200Ω 1/16W J	R3520 R3522	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3044 R3045	NRSA63J-821X NRSA63J-220X	MG RESISTOR MG RESISTOR	820Ω 1/16W J 22Ω 1/16W J	R3525 R3527	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3048 R3053	NRSA63J-821X NRSA63J-272X	MG RESISTOR MG RESISTOR	820Ω 1/16W J 2.7kΩ 1/16W J	R3531 R3533	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3056 R3063	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J	R3538 R3540	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3065 R3066	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J	R3544 R4004	NRSA63J-510X NRSA63J-103X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 10kΩ 1/16W J
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3070 R3071	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R4006 R4007	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3089 R3090	NRSA63J-220X NRSA63J-220X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 22Ω 1/16W J	R4015 R4016	NRSA63J-0R0X NRSA63J-103X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 10kΩ 1/16W J
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3092 R3093	NRSA63J-220X NRSA63J-220X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 22Ω 1/16W J	R4019 R4023	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3095 R3096	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R4027 R4028	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3098 R3099	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R4037 R4039	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3101 R3102	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R4042 R4044	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3104 R3105	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R4055 R4056	NRSA63J-0R0X NRSA63J-102X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1kΩ 1/16W J
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3107 R3112	NRS144J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/4W J 0Ω 1/16W J	R4058 R4059	NRSA63J-221X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	220Ω 1/16W J 0Ω 1/16W J
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3116 R3118	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R4064 R4065	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4068	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3122 R3126	NRSA63J-220X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 0Ω 1/16W J	R4101 R4102	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3152 R3153	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R4104 R4105	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3156 R3157	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R4109 R6025	NRSA63J-102X NRSA63J-101X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 100Ω 1/16W J
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3159 R3160	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6031 R6034	NRSA63J-101X NRSA63J-102X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 1kΩ 1/16W J
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3162 R3163	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6058 R6060	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3165 R3166	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6510 R6512	NRSA63J-102X NRSA63J-102X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 1kΩ 1/16W J
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3168 R3169	NRSA63J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/10W J	R6514 R6515	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3171 R3172	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6529 R6531	NRSA63J-473X NRSA63J-102X	MG RESISTOR MG RESISTOR	47kΩ 1/16W J 1kΩ 1/16W J
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	R6532	NRSA63J-102X NRSA63J-0R0X	MG RESISTOR	1kΩ 1/16W J
R3174 R3176	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6533 R6534	NRSA63J-0R0X NRSA63J-102X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1kΩ 1/16W J
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3178 R3179	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6538 R6540	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3181 R3182	NRS144J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/4W J 0Ω 1/16W J	R6542 R6543	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6544	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3184 R3185	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R6545 R6546	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R3186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6550	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3187 R3207	NRSA63J-0R0X NRS144J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/4W J	R6551 R6552	NRSA63J-102X NRSA63J-102X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 1kΩ 1/16W J
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6553	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3503 R3505	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R6554 R6558	NRSA63J-0R0X NRSA63J-102X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1kΩ 1/16W J
R3507 R3509	NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J	R7001	NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J
R3511	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R7002 R7003	NRSA63J-101X NRSA63J-101X	MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R3514 R3516	NRSA63J-510X NRSA63J-510X	MG RESISTOR MG RESISTOR	51Ω 1/16W J 51Ω 1/16W J	R7004 R7005	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
170010	IAIVOUO0-9 IOV	INIO INLUIDION	0127 1/10AA A	17,000	MINONO0-101V	INIO INLOID TUR	10022 1/ 100V J

∆Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
R7007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R7029 R7030 R7032	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J	R7660 R7661	NRSA63J-105X NRSA63J-471X	MG RESISTOR MG RESISTOR	1MΩ 1/16W J 470Ω 1/16W J
R7032	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R7664 R7666	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7037 R7039	NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J	R7680	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7046 R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7058	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7083	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
R7086 R7087	NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J	RA1004 RA1005	NRZ0080-0R0X NRZ0080-0R0X	NET RESISTOR NET RESISTOR	0Ω 1/16W J
R7088	NRSA63J-103X NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA1006	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J 0Ω 1/16W J x4
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA2012	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA2013	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA2015	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA2016 RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3018	NRZ0080-510X	NET RESISTOR	
R7109 R7112	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7158	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA4007	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	RA4008	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4009	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4010	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7224	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	RA4011	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA4012	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4013	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RA4014	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA4015	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA6515	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7007	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4

ΔRef No.	Part No.	Part Name	Description Lo	ocal Z	ßRef No.	Р
RA7602 RA7603 RA7604 RA7605 RB7605 RB7614 RB7615	NRZ0034-0R0W NRZ0034-0R0W NRZ0034-0R0W NRZ0034-0R0W NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	NET RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/32W J x4 0Ω 1/32W J x4 0Ω 1/32W J x4 0Ω 1/32W J x4 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J		LC0522 LC0523 LC0524 LC0525 LC0526 LC0527 LC0527	N N N N N
L0101 L0201 L0301 L0304 L0401 L1001 L1002 L1003 L1004	NQL092K-R68X NQL092K-R68X NQL092K-R68X NRSA02J-0R0X NRSA02J-0R0X NQR0489-002X NQR0489-002X NQL092K-1R5X NQR0489-002X	COIL COIL COIL MG RESISTOR MG RESISTOR FERRITE BEADS FERRITE BEADS CHIP P COIL FERRITE BEADS	0.68uH K 0.68uH K 0.68uH K 0Ω 1/10W J 0Ω 1/10W J		LC7001 LC7002 LC7003 SL7001 X1001 X3001 X3003 X4001 X7601	N N N N N N N
L1005 L1006 L1008	NQR0489-002X NQR0489-002X NQL79GM-220X	FERRITE BEADS FERRITE BEADS COIL	22uH M	F	RECEIV	/EI
L1010 L1011 L1101 L1102	NRSA02J-0R0X NQL79GM-470X NQL092K-6R8X NRSA02J-0R0X	MG RESISTOR COIL COIL MG RESISTOR	0Ω 1/10W J 47uH M 6.8uH K 0Ω 1/10W J		REFER T	
L1102 L1103 L1104 L1201 L1203 L1301 L1303 L1304 L1401 L1403 L1404 L1501 L2101 L3005 L3006 L3008	NRSAUZJ-JROX NQL093K-1ROX NQL093K-R10X NQL092K-6R8X NQL092K-1ROX NQL092K-1ROX NQL092K-1ROX NQL093K-R10X NQL092K-1ROX NQL092K-1ROX NQL093K-R10X NRSA02J-0ROX NRSA02J-0ROX NRSA02J-0ROX NRSA02J-0ROX NRSA02J-0ROX NRSA02J-0ROX	P COIL COIL COIL COIL COIL COIL COIL COIL	104 K 0.1uH K 0.1uH K 6.8uH K 1uH K 3.3uH K 0.1uH K 3.3uH K 1uH K 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J	(DIGITAI SSD-21 REFER T	10
L3009 L3010 L3011 L3012 L3013 L3014 L3015 L3501 L4001 L4002	NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NQL093K-R10X NQL093K-R10X NQL093K-R10X NQR0413-003X NQR0413-003X NRSA02J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR COIL COIL FERRITE BEADS FERRITE BEADS MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 0.1uH K 0.1uH K 0.1uH K			
L4003 L6501 L6502 L6508 L6509 L6510 L7001 L7002 L7003 L7004 L7005 L7006 L9001 L9201	NRSA02J-0R0X NQR0351-001X NRSA02J-0R0X NRZ0034-0R0W NRZ0034-0R0W NRZ0034-0R0W NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA02J-0R0X NRSA02J-0R0X NQL71EM-150X	MG RESISTOR FERRITE BEADS MG RESISTOR NET RESISTOR NET RESISTOR NET RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J 0Ω 1/32W J x4 0Ω 1/32W J x4 0Ω 1/32W J x4 0Ω 1/16W J 0Ω 1/10W J 15uH M			
CN001 CN002 CN005 J001 K1001 K1002 K1003 K1004	QGF0508F1-50X QGF0508F1-30X QGB0603L1-B0 NNZ0117-001 NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NQR0489-002X	CONNECTOR CONNECTOR CONNECTOR HDMI CONNECTOR MG RESISTOR MG RESISTOR MG RESISTOR FERRITE BEADS	FFC/FPC (1-50) FFC/FPC (1-30) B-B (1-110) DIGITAL-IN 0Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J			
K1004 K1005 K2104 K2106	NRSA02J-0R0X NRSA02J-0R0X NQR0489-002X	MG RESISTOR MG RESISTOR FERRITE BEADS	0Ω 1/10W J 0Ω 1/10W J			
K2107 K3003 K3006 K3009 K3010	NRSA02J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/10W J 0Ω 1/10W J			
K9001 K9002 LC0102 LC0510 LC0511	NQR0413-003X NQR0413-003X NQR0483-005X NQR0498-001X NQR0498-001X	FERRITE BEADS FERRITE BEADS EMI FILTER EMI FILTER EMI FILTER	100uF 25V Z			
LC0512 LC0513 LC0519 LC0520	NQR0498-001X NQR0498-001X NQR0416-001X NQR0470-007X	EMI FILTER EMI FILTER EMI FILTER EMI FILTER	240pF 16V M 2200pF 50V +50%-20%			

Ref No.	Part No.	Part Name	Description Local
LC0522	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%
LC0523	NQR0483-006X	EMI FILTER	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0525	NQR0483-006X	EMI FILTER	
LC0526	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%
LC0527	NQR0483-006X	EMI FILTER	
LC6501	NQR0479-001X	EMI FILTER	100pF 50V +50%-20%
LC7001	NQR0470-003X	EMI FILTER	
LC7002	NQR0470-003X	EMI FILTER	100pF 50V +50%-20%
LC7003	NQR0470-003X	EMI FILTER	100pF 50V +50%-20%
SL7001	NAX0613-001X	C RESONATOR	
X1001	NAX0642-001X	CRYSTAL	
X3001	NAX0635-001X	CXO	
X3001 X3003 X4001	NAX0668-001X NAX0669-001X	CXO CXO CRYSTAL	
X7601	NAX0613-001X	C RESONATOR	

RECEIVER P.W. BOARD ASS'Y (SFL0F801A-M2)

REFER TO PARTS LIST IN PAGE 3-25 FOR THIS P.W. BOARD.

DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2101A-M2)

REFER TO PARTS LIST IN PAGE 3-25 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [LT-37X776/KA]

		W. BOARD ASS'Y	•	Ref No.	Part No.	Part Name	Description Local
(SFL-11	122A-M2) Part No.	Part Name	Description Local	D2017 D2053 D2054	UDZS10B-X UDZS10B-X UDZS10B-X	Z DIODE Z DIODE Z DIODE	
IC201 IC301 IC501 IC502 IC503 IC504 IC711 IC801 IC802 IC902 IC903 IC6001 IC6201 IC6521 IC6551 IC6651 IC6661	TA1370FG-X AN15852A CXA2069Q MM1510XN-X MM1510XN-X CXA1875AM-X TB1274AF TC90A69AF-X TA48M033F-X BA90BC0FP-X NJM2777M-X PQ20WZ11-X NJW1164M-W RC4558D-X RC4558D-X LM393DR-X TDA8925ST/N1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	3.3V Regulator	D2205 D2206 D2207 D6001 D6002 D6201 D6431 D6432 D6433 D6501 D6502 D6503 D6504 D6601 D6663 D6664 D6671 D6672 D6673	UDZS10B-X UDZS10B-X UDZS10B-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X 1SS355-X UDZS355-X UDZS6.2B-X UDZS20B-X UDZS20B-X UDZS20B-X UDZS20B-X UDZS20B-X UDZS20B-X UDZS20B-X UDZS20B-X	Z DIODE Z DIODE Z DIODE Z DIODE SI DIODE Z DIODE	
Q301 Q302 Q303 Q307 Q402	2SC3837K/NP/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SA1530A/QR/-X SSM3K17FU-X	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR MOS FET		D6681 D6682 D6683 DB201	1SS355-X 1SS355-X 1SS355-X UDZS3.3B-X	SI DIODE SI DIODE SI DIODE Z DIODE	
Q403 Q404 Q403 Q404 Q405 Q507 Q508 Q509 Q801 Q802 Q810 Q851 Q853 Q854 Q855 Q858 Q859 Q862 Q863 Q902 Q903 Q2051 Q2052 Q2055 Q6301 Q6524 Q6523 Q6531 Q6532 Q6533 Q6534 Q6538 Q6538 Q6539 Q6661 Q6662 Q6663 Q6673	SSM/SK17FU-X SSM/SK17FU-X SSM/SK17FU-X SSM/SK17FU-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SA1530A/QR/-X 2SC3928A/QR/-X	MOS FET MOS FET MOS FET MOS FET TRANSISTOR DIGI TRANSISTOR DIGI TRANSISTOR		C201 C202 C203 C204 C205 C206 C207 C301 C302 C313 C314 C315 C316 C317 C318 C319 C320 C321 C322 C323 C324 C325 C326 C327 C328 C329 C330 C335 C336 C337 C341 C342 C343 C346 C349 C349 C349 C349 C349 C349 C349 C349	NCB31HK-103X NEHL1HM-225X NCB31HK-103X NEZ0022-157X NCB21CK-474X NCF31CZ-104X NCF31CZ-104X NCF31CZ-104X NCF31CZ-104X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31CM-104X NEHL1CM-476X NCB1CK-105X NCB21CK-105X NCB31HK-103X NCB31HC-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31H	C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR C C C C C C C C C C C C C C C C C C C	0.01uF 50V K 2.2uF 50V M 0.01uF 50V K 150uF 10V M 1uF 50V M 0.47uF 16V K 0.1uF 16V Z 0.1uF 16V Z 47uF 16V M 0.01uF 50V K 10uF 16V M 0.1uF 16V M 0.1uF 16V M 0.1uF 16V M 0.1uF 16V K 10uF 16V K 10uF 16V K 1uF 16V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 16V Z 0.1uF 16V Z 0.1uF 16V Z 0.1uF 16V Z
D901 D902 D903 D904 D905 D2001 D2002 D2004 D2005 D2006 D2007 D2008 D2010 D2011 D2012 D2013 D2014 D2015 D2016	NRSA02J-0R0X 1SS355-X PTZ11B-X PTZ6.8B-X MA8030/H/-X UDZS10B-X	MG RESISTOR SI DIODE Z DIODE	0Ω 1/10W J	C403 C404 C405 C406 C501 C502 C503 C505 C506 C515 C516 C518 C519 C520 C521 C522 C523 C524 C525	NEHL1CM-476X NCB31HK-104X NCB11AK-475X NCB11AK-475X NEHL1CM-476X NEHL1CM-476X NENA1EM-106X NDC31HJ-270X NCB21CK-105X NEHL1CM-106X NEHL1CM-106X NEHL1CM-106X NCB21CK-105X NEHL1CM-106X NCB21CK-105X NEHL1CM-106X NEHL1CM-106X NEHL1CM-106X NEHL1CM-106X NCB21CK-105X NEHL1CM-106X NCB21CK-105X NEHL1CM-106X NCB21CK-105X NEHL1CM-106X	E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR BP E CAPACITOR BP E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR	47uF 16V M 0.1uF 50V K 4.7uF 10V K 4.7uF 10V K 4.7uF 16V M 47uF 16V M 10uF 25V M 10uF 25V M 27pF 50V J 1uF 16V K 10uF 16V M 100UF 16V M 100UF 16V M 10UF 16V M

⚠Ref No.	Part No.	Part Name	Description Local	ÆRef No.	Part No.	Part Name	Description Local
C526	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C527	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C542	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C543	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2016	NCB11AK-106X	C CAPACITOR	10uF 10V K
C544	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2017	NCB11AK-106X	C CAPACITOR	10uF 10V K
C545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2018	NCB11AK-106X	C CAPACITOR	10uF 10V K
C711	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C2019	NCB11AK-106X	C CAPACITOR	10uF 10V K
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C2020	NCB11AK-106X	C CAPACITOR	10uF 10V K
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C2055	NCB31CK-105X	C CAPACITOR	1uF 16V K
C804	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C2204	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2205	NCB21AK-225X	C CAPACITOR C CAPACITOR	2.2uF 10V K 2.2uF 10V K
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2206	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C6001	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C6002	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6003	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V M	C6004	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C819	NDC31HJ-100X	C CAPACITOR	10pF 50V J	C6005	NEHL1HM-105X	E CAPACITOR	1uF 50V M
C820 C821	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	C6006 C6007	NEHL1HM-105X QETN1AM-108Z	E CAPACITOR E CAPACITOR	1uF 50V M
C822	NCB31HK-103X NCB11CK-225X	C CAPACITOR C CAPACITOR	0.01uF 50V K 2.2uF 16V K	C6008	NEHL1HM-106X	E CAPACITOR E CAPACITOR	1000uF 10V M 10uF 50V M
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	C6009	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C6202	NEHL1EM-336X	E CAPACITOR	33uF 25V M
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V M	C6203	NEHL1EM-336X	E CAPACITOR	33uF 25V M
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	C6204	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6205	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C6301	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6302	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6431	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C853	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C6505	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6510	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6521	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	C6526	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6527	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6528	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6533	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6534	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C6535	NEHL1HM-105X	E CAPACITOR	1uF 50V M
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6536	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C6537	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	C6538	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	C6539	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C876 C877	NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K	C6540 C6541	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C878	NCB31HK-103X NCB31HK-104X	C CAPACITOR	0.01uF 50V K 0.1uF 50V K	C6542	NEHL1EM-475X NEHL1EM-475X	E CAPACITOR E CAPACITOR	4.7uF 25V M 4.7uF 25V M
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6543	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6544	NEHL1HM-105X	E CAPACITOR	1uF 50V M
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6551	NEHL1HM-105X	E CAPACITOR	1uF 50V M
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6552	NEHL1HM-105X	E CAPACITOR	1uF 50V M
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6553	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C886	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C6554	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6555	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C6556	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C889	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C6557	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C890	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C6559	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C6561	NEHL1HM-105X	E CAPACITOR	1uF 50V M
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C6562	NEHL1HM-225X	E CAPACITOR	2.2uF 50V M
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C6563	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C6564	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C901	NEHM1HM-105X	E CAPACITOR	1uF 50V M	C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	C6585	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C906	NEHM1CM-476X	E CAPACITOR	47uF 16V M	C6586	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C912	NEHM1CM-476X	E CAPACITOR	47uF 16V M	C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	C6605	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C915	NEHM1CM-476X	E CAPACITOR	47uF 16V M	C6606	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	C6621	NCB31HK-332X	C CAPACITOR	3300pF 50V K
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6622	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C2003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6623	NEHL1EM-226X	E CAPACITOR	22uF 25V M
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C6624	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C6625	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6626	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C2009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6627	NCB31EK-104X	C CAPACITOR	0.1uF 25V K

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
C6628	NEHL1EM-226X	E CAPACITOR	22uF 25V M	R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C6629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R532	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6630	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	R533	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C6632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R538	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6661	NCB11EK-105X	C CAPACITOR	1uF 25V K	R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6662	NCB11EK-105X	C CAPACITOR	1uF 25V K	R540	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C6663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R575	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C6667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6668	NDC31HJ-561X	C CAPACITOR	560pF 50V J	R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6669	QFV21HJ-224Z	MF CAPACITOR	0.22uF 50V J	R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C6670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	R579	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R580	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R581	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C6673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R714	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6676	NDC31HJ-561X	C CAPACITOR	560pF 50V J	R715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6677 C6678	NDC31HJ-561X QFV21HJ-224Z	C CAPACITOR MF CAPACITOR	560pF 50V J 0.22uF 50V J	R716 R717	NRSA63J-101X NRSA63J-103X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J 10kΩ 1/16W J
C6679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	R718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R719	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6681	NDC31HJ-561X	C CAPACITOR	560pF 50V J	R720	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R722	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C6683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C6687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6688	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6693	NEHL1CM-476X	E CAPACITOR	47uF 16V M	R806 R807	NRSA63J-332X NRSA63J-752X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 7.5kΩ 1/16W J
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R212	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R220	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R228	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R302 R303	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J	R859 R860	NRSA63J-821X NRSA63J-101X	MG RESISTOR MG RESISTOR	820Ω 1/16W J 100Ω 1/16W J
R334 R335	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J 2.2kΩ 1/16W J	R861 R862	NRSA63J-101X NRSA63J-331X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 330Ω 1/16W J
R336 R372	NRSA63J-562X NRSA63J-101X	MG RESISTOR MG RESISTOR MG RESISTOR	5.6kΩ 1/16W J 100Ω 1/16W J	R863 R864	NRSA63J-821X NRSA63J-821X NRSA63J-391X	MG RESISTOR MG RESISTOR MG RESISTOR	820Ω 1/16W J 390Ω 1/16W J
R374	NRSA63J-471X	MG RESISTOR MG RESISTOR	470Ω 1/16W J 100Ω 1/16W J	R865 R866	NRSA63J-391X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR	390Ω 1/16W J
R375 R382	NRSA63J-101X NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R385	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R395	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R402	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R403	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R404	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R409	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R410	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R414	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R509	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R511	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R901	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R902	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R903	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R904	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R907	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R908	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R520 R521	NRSA63J-221X NRSA63J-682X	MG RESISTOR MG RESISTOR	220Ω 1/16W J 6.8kΩ 1/16W J	R2002 R2003 R2004	NRSA63J-750X NRSA63J-224X	MG RESISTOR MG RESISTOR	75Ω 1/16W J 75Ω 1/16W J 220kΩ 1/16W J
R521 R522 R523	NRSA63J-662X NRSA63J-221X NRSA63J-682X	MG RESISTOR MG RESISTOR MG RESISTOR	6.6KΩ 1/16W J 220Ω 1/16W J 6.8kΩ 1/16W J	R2004 R2005 R2006	NRSA63J-224X NRSA63J-224X NRSA63J-750X	MG RESISTOR MG RESISTOR	220kΩ 1/16W J 220kΩ 1/16W J 75Ω 1/16W J
R524	NRSA63J-082X NRSA63J-221X NRSA63J-0R0X	MG RESISTOR	220Ω 1/16W J	R2007	NRSA63J-750X NRSA63J-750X NRSA63J-750X	MG RESISTOR	75Ω 1/16W J 75Ω 1/16W J 75Ω 1/16W J
R526 R527	NRSA63J-682X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 6.8kΩ 1/16W J	R2008 R2009	NRSA63J-224X	MG RESISTOR MG RESISTOR	220kΩ 1/16W J
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
R2013 R2051	NRSA63J-224X NRSA63J-750X	MG RESISTOR MG RESISTOR	220kΩ 1/16W J 75Ω 1/16W J	R6579 R6580	NRSA63J-183X NRSA63J-392X	MG RESISTOR MG RESISTOR	18kΩ 1/16W J 3.9kΩ 1/16W J
R2052	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R6601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R2053 R2054	NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 22kΩ 1/16W J	R6602	NRSA63J-333X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 0Ω 1/16W J
R2055	NRSA63J-223X NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J 22kΩ 1/16W J	R6603 R6605	NRSA63J-0R0X NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R2056	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R2057 R2059	NRSA63J-223X NRSA63J-680X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 68Ω 1/16W J	R6607 R6617	NRSA63J-0R0X NRSA63J-562X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 5.6kΩ 1/16W J
R2060	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	R6621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2061 R2062	NRSA63J-391X NRSA63J-391X	MG RESISTOR MG RESISTOR	390Ω 1/16W J 390Ω 1/16W J	R6622 R6623	NRSA63J-103X NRSA63J-392X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 3.9kΩ 1/16W J
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R6624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J
R2066 R2069	NRSA63J-471X NRSA63J-102X	MG RESISTOR MG RESISTOR	470Ω 1/16W J 1kΩ 1/16W J	R6625 R6626	NRSA63J-102X NRSA63J-152X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 1.5kΩ 1/16W J
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	R6627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R2207 R2208	NRSA63J-750X NRSA63J-750X	MG RESISTOR MG RESISTOR	75Ω 1/16W J 75Ω 1/16W J	R6629 R6630	NRSA63J-104X NRSA63J-152X	MG RESISTOR MG RESISTOR	100kΩ 1/16W J 1.5kΩ 1/16W J
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	R6631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6001 R6002	NRSA63J-223X NRSA63J-223X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 22kΩ 1/16W J	R6632 R6633	NRSA63J-392X NRSA63J-151X	MG RESISTOR MG RESISTOR	3.9kΩ 1/16W J 150Ω 1/16W J
R6003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6004 R6005	NRSA63J-682X NRSA63J-223X	MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 22kΩ 1/16W J	R6661 R6662	NRSA63J-102X NRSA63J-102X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 1kΩ 1/16W J
R6006	QRL039J-330	OMF RESISTOR	33Ω 3W J	R6663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R6201 R6202	NRSA63J-562X NRSA63J-182X	MG RESISTOR MG RESISTOR	5.6kΩ 1/16W J 1.8kΩ 1/16W J	R6664 R6665	NRSA63J-0R0X NRSA63J-393X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 39kΩ 1/16W J
R6203	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R6666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
R6204 R6205	NRSA63J-562X NRSA63J-473X	MG RESISTOR MG RESISTOR	5.6kΩ 1/16W J 47kΩ 1/16W J	R6667 R6668	QRK126J-220X QRK126J-5R6X	UNF C RESISTOR UNF C RESISTOR	22Ω 1/2W J 5.6Ω 1/2W J
R6301 R6302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R6302 R6303	NRSA63J-0R0X NRSA63J-103X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 10kΩ 1/16W J	R6670 R6671	NRSA63J-153X NRSA63J-103X	MG RESISTOR MG RESISTOR	15kΩ 1/16W J 10kΩ 1/16W J
R6304	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6305 R6306	NRSA63J-102X NRSA63J-101X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 100Ω 1/16W J	R6674 R6675	NRSA63J-102X NRSA63J-562X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 5.6kΩ 1/16W J
R6307	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6308 R6309	NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 1kΩ 1/16W J	R6677 R6680	NRSA63J-102X NRSA63J-103X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 10kΩ 1/16W J
R6310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6684	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6409 R6431	NRSA63J-103X NRSA63J-563X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 56kΩ 1/16W J	R6685 R6686	NRSA63J-563X NRSA63J-153X	MG RESISTOR MG RESISTOR	56kΩ 1/16W J 15kΩ 1/16W J
R6432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R6688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6515 R6516	NRSA63J-152X NRSA63J-183X	MG RESISTOR MG RESISTOR	1.5kΩ 1/16W J 18kΩ 1/16W J	R6691 RB203	NRSA63J-333X NRSA63J-271X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 270Ω 1/16W J
R6517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6518 R6519	NRSA63J-183X NRSA63J-152X	MG RESISTOR MG RESISTOR	18kΩ 1/16W J 1.5kΩ 1/16W J	L201	NQL914K-101X	COIL	100uH K
R6520	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L807	NQR0499-001X	FERRITE BEADS	
R6521 R6522	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	L808 L809	NQR0499-001X NQR0499-001X	FERRITE BEADS FERRITE BEADS	
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L851	NQL092K-6R8X	COIL	6.8uH K
R6524 R6525	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	L852 L853	NQL092K-6R8X NQL092K-6R8X	COIL COIL	6.8uH K 6.8uH K
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L854	NQL092M-270X	CHIP P COIL	27uH M
R6527 R6528	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	L855 L861	NQL904J-560X NQL914K-220X	COIL COIL	56uH J 22uH K
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L862	NQL914K-101X	COIL	100uH K
R6530 R6531	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J	L863 L864	NQL914K-101X NQL914K-101X	COIL COIL	100uH K 100uH K
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L865	NQL914K-220X	COIL	22uH K
R6533 R6534	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J	L866 L867	NQL914K-220X NQL914K-220X	COIL COIL	22uH K 22uH K
R6535	NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J	L902	NQL52EM-220X	COIL	22uH M
R6536 R6537	NRSA63J-101X NRSA63J-101X	MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J	L903 L904	NQL52EM-220X NQL52EM-220X	COIL COIL	22uH M 22uH M
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L6661	QQL28AK-560	COIL	56uH K
R6539 R6540	NRSA63J-101X NRSA63J-103X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 10kΩ 1/16W J	L6662	QQL28AK-560	COIL	56uH K
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	CN000H	QGF1201C2-21	CONNECTOR	FFC/FPC (1-21)
R6542 R6543	NRSA63J-103X NRSA63J-222X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 2.2kΩ 1/16W J	CN0011 CN0012	QGF0508F1-50X QGF0508F1-50X	CONNECTOR CONNECTOR	FFC/FPC (1-50) FFC/FPC (1-50)
R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	J2001	QNZ0726-001	AV JACK	INPUT-1(S/V/L/R)
R6552 R6553	NRSA63J-332X NRSA63J-104X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 100kΩ 1/16W J	J2003 J2004	QNZ0726-001 QNN0651-001	AV JACK PIN JACK	INPUT-2(S/V/L/R) INPUT-3(V/L/R)
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	J2006	QNN0650-001	PIN JACK	INPUT-1(COMPÒNENT)
R6555 R6556	NRSA63J-332X NRSA63J-104X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 100kΩ 1/16W J	J2008 J2009	QNZ0726-001 QNN0652-001	AV JACK PIN JACK	MONITOR/REC OUT DIGITAL IN AUDIO
R6557	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	K6601	NQR0499-002X	FERRITE BEADS	
R6558 R6559	NRSA63J-224X NRSA63J-561X	MG RESISTOR MG RESISTOR	220kΩ 1/16W J 560Ω 1/16W J	K6602 K6661	NQR0499-002X NQR0499-002X	FERRITE BEADS FERRITE BEADS	
R6560	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	K6662	NQR0499-002X	FERRITE BEADS	
R6563 R6564	NRSA63J-224X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	220kΩ 1/16W J 0Ω 1/16W J	K6663 K6664	NQR0499-002X NQR0499-002X	FERRITE BEADS FERRITE BEADS	
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	X201	QAX0873-001	C RESONATOR	40.000***
R6568 R6569	NRSA63J-0R0X NRSA63J-823X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 82kΩ 1/16W J	X801	NAX0621-001X	CRYSTAL	16.200MHz
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J				
R6578	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J				

CONNECTOR P.W. BOARD ASS'Y (SFL-4121A-M2)

⚠Ref No.

Part No.

Part Name

Description Local

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

FRONT CONTROL P.W. BOARD ASS'Y (SFL-7101A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SFL-8123A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

SD CARD P.W. BOARD ASS'Y (SFL-8304A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SFL-9029A-M2)

ÆRef No.	Part No.	Part Name	Description Local
IC9141	BA50BC0FP-X	IC	
∆ IC9211	FA5500AN-W	IC	
IC9501	F9222L-F219	IC	
∆IC9541	UTCTL431-T	IC	
IC9602	M62320FP-X	IC IC	
IC9901 IC9931	MP1593DN-X MP1593DN-X	IC IC	
100001	WII 1000D14-X	10	
Q9021	2SC3928A/QR/-X	TRANSISTOR	
Q9151	2SA1530A/QR/-X	TRANSISTOR	
Q9152	2SD601A/QR/-X	TRANSISTOR	
Q9211	2SK3522-01-F1	POWER MOS FET	
Q9212 Q9213	2SD601A/QR/-X IMD3A-W	TRANSISTOR TRANSISTOR	
Q9215	2SD601A/QR/-X	TRANSISTOR	
Q9216	UN2212-X	DIGI TRANSISTOR	
Q9251	UN2213-X	DIGI TRANSISTOR	
Q9252	UN2212-X	DIGI TRANSISTOR	
Q9501	2SD601A/QR/-X	TRANSISTOR	
Q9502	2SK2865-X	POWER MOS FET	
Q9503 Q9504	2SD601A/QR/-X 2SK2018-01S-W	TRANSISTOR POWER MOS FET	
Q9504 Q9506	UN2213-X	DIGI TRANSISTOR	
Q9541	UN2212-X	DIGI TRANSISTOR	
Q9602	2SB1188/QR/-W	TRANSISTOR	
Q9603	UN2212-X	DIGI TRANSISTOR	
Q9606	2SC3928A/QR/-X	TRANSISTOR	
Q9901 Q9931	2SD601A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR	
Q3331	2000920A/QIV-X	TRANSISTOR	
D9001	MA8047-X	Z DIODE	
D9021	MA111-X	SI DIODE	
D9111	S1WB/A/60-4101	BRIDGE DIODE	
D9151	MA8024-X	Z DIODE	
∆D9201 D9202	D25XB60 MA111-X	BRIDGE DIODE SI DIODE	
D9202	MA3082/M/-X	Z DIODE	
D9211	YG972S6R	SI DIODE	
D9213	MA111-X	SI DIODE	
D9214	MA111-X	SI DIODE	
D9215	D1FL20U-X	SI DIODE	
D9251 D9252	MA3100/M/-X MA111-X	Z DIODE SI DIODE	
D9252 D9253	MA111-X	SI DIODE	
D9254	D1FL20U-X	SI DIODE	
D9301	FME-220A	SB DIODE	
D9302	FME-220A	SB DIODE	
D9501	MA8220/M/-X	Z DIODE	
D9502 D9503	MA8110/H/-X D1FL20U-X	Z DIODE SI DIODE	
D9503 D9504	D1FL20U-X D1FL20U-X	SI DIODE SI DIODE	
D9505	MA8220/M/-X	Z DIODE	
D9507	D1FL20U-X	SI DIODE	
D9508	UDZS5.6B-X	Z DIODE	1.5kΩ 1/10W J
D9509	SD883-04-X	IC	
D9512	D1FS4-X	SB DIODE	
	PTZ27B-X	Z DIODE Z DIODE	
D9514	DT727D V		
D9515	PTZ27B-X FCH20A10		
	PTZ27B-X FCH20A10 FCH20A10	SB DIODE SB DIODE SB DIODE	

D9609 D9901 D9902 D9903 D9905 D9906 D9907 D9908 D9909 D9932 D9933 D9934 D9935 ΔC9001	MA111-X EC30HA04-X MA111-X EC30HA04-X D1FL20U-X PTZ11B-X MTZJ16B-T2 MTZJ16B-T2 D1FL20U-X EC30HA04-X EC30HA04-X MA111-X PTZ16B-X	SI DIODE SB DIODE SI DIODE SB DIODE SI DIODE Z DIODE Z DIODE Z DIODE SI DIODE SI DIODE SI DIODE SI DIODE SB DIODE SB DIODE SI DIODE SI DIODE SI DIODE MM CAPACITOR	1uF AC250V K
△C9002 △C9011 △C90013 △C9011 △C9013 △C9101 △C9102 △C9103 △C9101 △C9102 △C9103 C9111 C9142 C9143 C9142 C9143 C9151 △C9197 △C9198 △C9201 △C9203 △C9204 △C9205 C9211 C9212 C9213 C9214 C9215 C9216 C9218 C9217 C9218 C9217 C9218 C9218 C9219 C9218 C9219 C9210 C9501 C9502 C9501 C9503 C9504 C9509 C9501 C9509 C9501 C9509 C9501 C9509 C9501 C9509 C9501 C9501 C9501 C9502 C9501 C9503 C9509 C9501 C9509 C9501 C9501 C9509 C9501 C9509 C9501 C9501 C9501 C9501 C9502 C9503 C9509 C9501 C9509 C9501 C9509 C9501 C950	QFZ9071-471 QCZ9071-471 QCZ9071-471 QCZ9078-472 QCZ9078-472 QCZ9078-472 QEZ9078-472 QEZ0709-106 QECR1CM-477Z QEHR1AM-337Z QEHR1CM-107Z QEHR1HM-226Z QCZ9071-102 QCZ9071-471 QCZ9078-222 QEZ0739-337 NCB31HK-103X QCZ0354-331Z NCB31HK-104X QECR1EM-687Z QECR1EM-687Z QECR1EM-687Z NCB31HK-104X NCB31HK-104X NCB31HK-104X NCB31HK-223X NCB31HK-223X NCB31HK-335X QEHR1HM-107Z QEHR2AM-107Z QEHR2AM-107Z QFZ0209-393 QEHR1HM-107Z QEHR2AM-107Z QEHR2AM-107Z QEHR2AM-107Z QEHR2AM-107Z QEHR2AM-107Z QEHR2AM-107Z QEHR1AM-107Z NCB31HK-335X QECQ1VM-128 QECQ1VM-128 QECQ1VM-128 QECQ1VM-128 QECQ1VM-128 NCB31HK-223X NCB31HK-223X NCB31HK-223X NCB31HK-104X NDC31HJ-680X NBZ0017-106X NCB31HK-104X NCB31HK-104X NCB31HK-223X NCB31HK-103X QCHR1HM-106Z QEHR1CM-477Z NCB1HCK-226X-U NCB31HK-335X-U NCJ41HK-335X-U	MM CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAP	1uF AC250V K 470pF AC400V K 470pF AC400V K 470pF AC400V K 470pF AC250V M 4700pF AC250V M 10uF 450V M 10uF 450V M 10uF 450V M 10uP 16V M 22uF 50V M 1000PF AC250V M 2200PF AC250V M 1uF 450V K 0.01uF 50V K 1000PF 50V J 47uF 35V M 330uF 0.01uF 50V K 2200PF 50V J 47uF 35V M 680uF 25V M 0.1uF 50V K 0.01uF 50V K 0.01uF 50V K 0.022uF 50V K 100uF 50V M 100uF 50V K 100uF 50V M 1200uF 35V M 120uF 50V K 10uF 16V K 0.022uF 50V K 10uF 16V M 10uF 50V M
R9003	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J

ÆRef No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
R9004 R9005 R9021 R9022	NRS12BJ-333W NRS12BJ-333W NRSA63J-222X NRSA63J-473X	MG RESISTOR MG RESISTOR MG RESISTOR	33kΩ 1/2W J 33kΩ 1/2W J 2.2kΩ 1/16W J	R9616 R9622 R9623 R9629	NRSA63J-101X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-473X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	100Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J
R9101	QRZ0216-4R7	MG RESISTOR UNF WW RESISTOR	47kΩ 1/16W J 4.7Ω 7W K	R9631	NRSA02J-332X	MG RESISTOR	47kΩ 1/16W J 3.3kΩ 1/10W J
R9141 R9142	QRX01GJ-1R0 QRX01GJ-R82	MF RESISTOR MF RESISTOR	1Ω 1W J 0.82Ω 1W J	R9632 R9635	NRSA63J-101X NRS12BJ-221W	MG RESISTOR MG RESISTOR	100Ω 1/16W J 220Ω 1/2W J
R9148	NRSA63J-183X NRSA63J-333X	MG RESISTOR MG RESISTOR	18kΩ 1/16W J 33kΩ 1/16W J	R9637 R9641	NRSA02J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/16W J
R9151 R9152	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	R9643	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9153 R9154	NRSA63J-682X NRSA63J-470X	MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 47Ω 1/16W J	R9657 R9658	NRS12BJ-6R8W NRSA63J-822X	MG RESISTOR MG RESISTOR	6.8Ω 1/2W J 8.2kΩ 1/16W J
R9155 R9156	NRSA63J-332X NRSA63J-822X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 8.2kΩ 1/16W J	R9659 R9660	NRSA63J-102X NRSA63J-472X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 4.7kΩ 1/16W J
R9157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9661	NRS12BJ-6R8W	MG RESISTOR	6.8Ω 1/2W J
 ∆R9199 ∆R9201	QRZ9046-685Z QRZ9055-8R2	C RESISTOR FUSI RESISTOR	$6.8 \mathrm{M}\Omega$ 1/2W K 8.2Ω 2W K	R9665 R9901	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J
R9203 R9211	NRS12BJ-681W NRS12BJ-474W	MG RESISTOR MG RESISTOR	680Ω 1/2W J 470kΩ 1/2W J	R9902 R9903	NRSA63D-104X NRSA63D-103X	MG RESISTOR MG RESISTOR	100kΩ 1/16W D 10kΩ 1/16W D
R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	R9904	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D
R9213 R9214	NRS12BJ-334W NRSA63J-103X	MG RESISTOR MG RESISTOR	330kΩ 1/2W J 10kΩ 1/16W J	R9905 R9906	QRK126J-222X NRSA63J-822X	UNF C RESISTOR MG RESISTOR	2.2kΩ 1/2W J 8.2kΩ 1/16W J
R9215	NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 220kΩ 1/16W J	R9907 R9908	NRSA63J-122X NRSA63J-183X	MG RESISTOR MG RESISTOR	1.2kΩ 1/16W J 18kΩ 1/16W J
R9216 R9217	NRSA63J-224X NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R9909	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9218 R9219	NRSA63D-183X NRS12BJ-223W	MG RESISTOR MG RESISTOR	18kΩ 1/16W D 22kΩ 1/2W J	R9913 R9923	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J
R9220 R9221	QRM059J-R22 QRM059J-R22	MP RESISTOR MP RESISTOR	0.22Ω 5W J 0.22Ω 5W J	R9933 R9934	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J
R9222	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	R9935	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9223 R9224	NRS181J-824X NRS181J-824X	MG RESISTOR MG RESISTOR	820kΩ 1/8W J 820kΩ 1/8W J	R9936 R9937 R9938	NRSA63J-103X NRSA63D-224X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 220kΩ 1/16W D
R9225 R9226	NRS12BJ-334W NRS12BJ-334W	MG RESISTOR MG RESISTOR	330kΩ 1/2W J 330kΩ 1/2W J	R9938 R9939	NRSA63D-184X NRSA63D-103X	MG RESISTOR MG RESISTOR	180kΩ 1/16W D 10kΩ 1/16W D
R9227 R9228	NRS12BJ-394W NRSA63J-103X	MG RESISTOR MG RESISTOR	390kΩ 1/2W J 10kΩ 1/16W J	R9940 R9941	NRSA63J-153X NRSA63J-122X	MG RESISTOR MG RESISTOR	15kΩ 1/16W J 1.2kΩ 1/16W J
R9229 R9233	NRSA63D-274X	MG RESISTOR	270kΩ 1/16W D	R9942	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9233 R9236	NRS181J-0R0X NRS12BJ-474W	MG RESISTOR MG RESISTOR	0Ω 1/8W J 470kΩ 1/2W J	R9943 R9944	NRSA02J-0R0X NRSA63J-183X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 18kΩ 1/16W J
R9236 R9237 R9238	NRSA63J-103X NRS12BJ-220W	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 22Ω 1/2W J	L9141	NQL52EN-4R7X	COIL	4.7uH N
R9239	NRS12BJ-1R0W	MG RESISTOR	1Ω 1/2W J	L9201	QQR1662-001	CHOKE COIL	4.7u11N
R9251 R9253 R9254	NRSA63J-0R0X NRSA63J-223X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 22kΩ 1/16W J	L9202 L9541	QQR1513-001 NQL71EM-150X	CHOKE COIL COIL	15uH M
R9254	NRSA63J-473X NRSA63J-224X	MG RESISTOR MG RESISTOR	47kΩ 1/16W J 220kΩ 1/16W J	L9542 L9902	NQL52EM-470X NQR0562-001X	COIL CHOKE COIL	47uH M
R9255 R9256	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	L9903	NQR0562-001X	CHOKE COIL	47.1114
R9257 R9301	NRS12BJ-102W QRT039J-1R2	MG RESISTOR MF RESISTOR	1kΩ 1/2W J 1.2Ω 3W J	L9904 L9931	NQL63EM-470X NQL71EM-470X	COIL COIL	47uH M 47uH M
R9302 R9501	QRT039J-1R2 QRL039J-103	MF RESISTOR OMF RESISTOR	1.2Ω 3W J 10kΩ 3W J	L9932 - ∆ T9121	NQR0562-001X QAL0425-001	CHOKE COIL POWER TRANSF	
R9502 R9503	QRL039J-103	OMF RESISTOR MG RESISTOR	10kΩ 3W J 820kΩ 1/8W J	ΔT9501 ΔT9502	QQS0347-002	SW TRANSF SW TRANSF	
R9504	NRS181J-824X NRS181J-824X	MG RESISTOR	820kΩ 1/8W J		QQS0347-002		
R9505 R9506	NRS181J-824X NRSA63J-473X	MG RESISTOR MG RESISTOR	820kΩ 1/8W J 47kΩ 1/16W J	CN0006 ΔCN0007	QGB2501J1-07 QGB2501J1-10	CONNECTOR CONNECTOR	B-B (1-7) B-B (1-10)
R9507 R9508	NRSA63J-473X QRT029J-R56	MG RESISTOR MF RESISTOR	47kΩ 1/16W J 0.56Ω 2W J	CN000H ΔCP9121	QGF1201C2-21 QMFZ052-2R0-E	CONNECTOR FUSE	FFC/FPC (1-21) 2A AC250V
R9509	QRM059J-R27	MP RESISTOR	0.27Ω 5W J	ΔCP9211	QMFZ043-2R0Z-J1	FUSE	2A AC250V
R9510 R9511	NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 1kΩ 1/16W J		QMFZ034-5R0Z-J1 QMFZ034-5R0Z-J1	FUSE FUSE	5A 125V 5A 125V
R9512 R9513	NRSA63J-333X NRSA63J-223X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 22kΩ 1/16W J	 ⊈F9001 K9001	QMF51D2-6R3-J1 QRN143J-0R0X	FUSE C RESISTOR	6.3A AC250V 0Ω 1/4W J
R9514	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	K9111	NQR0499-001X QQR0621-002Z	FERRITE BEADS	022 17 177 0
R9515 R9516	NRSA63J-104X QRT029J-2R2	MG RESISTOR MF RESISTOR	100kΩ 1/16W J 2.2Ω 2W J	K9211 K9212	QQR0621-002Z	FERRITE BEADS FERRITE BEADS	
R9517 R9518	NRS12BJ-332W QRK126J-271X	MG RESISTOR UNF C RESISTOR	3.3kΩ 1/2W J 270Ω 1/2W J	K9501 K9502	NQR0499-002X NQR0499-002X	FERRITE BEADS FERRITE BEADS	
R9519 R9520	NRSA02J-180X QRE121J-105Y	MG RESISTOR C RESISTOR	18Ω 1/10W J 1MΩ 1/2W J	K9503 K9504	NQR0499-002X NQR0499-002X	FERRITE BEADS FERRITE BEADS	
R9521	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	K9505	NQR0499-002X	FERRITE BEADS	
R9525 R9526	NRSA63J-333X NRSA63J-151X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 150Ω 1/16W J	K9508 K9509	NRSA02J-0R0X NQR0499-002X	MG RESISTOR FERRITE BEADS	0Ω 1/10W J
R9527 R9529	NRSA02J-0R0X QRL039J-681	MG RESISTOR OMF RESISTOR	0Ω 1/10W J 680Ω 3W J	K9541 ∆ LF9001	NQR0499-001X QQR1514-001	FERRITE BEADS LINE FILTER	
R9536	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	∆ LF9002	QQR1514-001	LINE FILTER	
R9541 R9542	NRSA63J-684X NRSA02J-103X	MG RESISTOR MG RESISTOR	680kΩ 1/16W J 10kΩ 1/10W J	▲LF9003	QQR1514-001 PS2581AL2/QW/-W	LINE FILTER PHOTO COUPLER	
R9543 R9544	NRSA63J-103X NRSA63D-273X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 27kΩ 1/16W D	▲PC9541 ▲PC9542	PS2581AL2/QW/-W PS2581AL2/QW/-W	PHOTO COUPLER PHOTO COUPLER	
R9545	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D	 ⚠RY9021	QSK0162-001	RELAY	
R9546 R9548	NRSA63J-182X NRSA63D-392X	MG RESISTOR MG RESISTOR	1.8kΩ 1/16W J 3.9kΩ 1/16W D	⚠RY9201 ⚠VA9001	QSK0163-001 QAF0060-621	RELAY VARISTOR	620V
R9549 R9552	NRSA63J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/10W J				
R9562	NRS12BJ-223W NRS12BJ-6R8W	MG RESISTOR	22kΩ 1/2W J				
R9563 R9603	NRSA63J-103X	MG RESISTOR MG RESISTOR	6.8Ω 1/2W J 10kΩ 1/16W J				
R9615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				

		DARD ASS'Y (SF	
Ref No.	Part No.	Part Name	Description Local
IC9801 IC9821 IC9841 IC9861 IC9881	MP1593DN-X MP1593DN-X MP1593DN-X MP1593DN-X LM393DR-X	IC IC IC IC	
Q9801 Q9821	2SC3928A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR	
D9802 D9803 D9805 D9822 D9823 D9824 D9825 D9842 D9843 D9861 D9862 D9863 D9864 D9881 D9882	EC30HA04-X MA111-X PTZ6.8B-X EC30HA04-X PTZ6.8B-X MA111-X EC30HA04-X PTZ3.9B-X MA111-X EC30HA04-X PTZ3.9B-X EC30HA04-X PTZ3.9B-X EC30HA04-X UDZS9.1B-X MA111-X	SB DIODE SI DIODE Z DIODE SB DIODE SI DIODE SI DIODE SI DIODE SB DIODE SB DIODE SI DIODE SI DIODE Z DIODE SI DIODE SI DIODE SI DIODE SB DIODE Z DIODE Z DIODE SB DIODE Z DIODE SI DIODE SI DIODE SI DIODE SI DIODE SI DIODE	
C9803 C9804 C9805 C9806 C9807 C9810 C9821 C9823 C9825 C9823 C9825 C9826 C9830 C9831 C9844 C9845 C9848 C9861 C9865 C9866 C9866 C9867 C9868 C9881 C9882 C9883	NCJ41HK-335X-U NCB31HK-103X NCB31HK-222X NCJ41CK-226X-U NCB31HK-332X NEHM1HM-105X NCJ41HK-335X-U NCB31HK-103X NDC31HJ-101X NCJ41CK-226X-U NCB31HK-103X NBZ0008-107X NCJ41CK-226X-U NCB31HK-103X NDC31HJ-121X NCJ41CK-226X-U NCB31HK-335X-U NCB31HK-222X NCJ41CK-226X-U NCJ41CK-226X-U NCJ41CK-226X-U NCJ41CK-226X-U NCJ41CK-226X-U NCB31HK-103X NDC31HJ-121X NCJ41CK-226X-U NCB31HK-103X NDC31HJ-121X NCJ41CK-226X-U NCB31HK-222X NCJ41CK-226X-U NCB31HK-222X NCJ41CK-226X-U NCB31HK-222X NCJ41CK-226X-U NCB31HK-222X NCJ41CK-226X-U NCB31EK-104X NCB31EK-104X NCB31EK-104X	CHIP C CAPACITO C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR	0.01uF 50V K 2200pF 50V K 22mF 16V K 3300pF 50V K 1uF 50V M 0.1uF 50V K 0.01uF 50V K 100pF 50V J 22mF 16V K 0.01uF 50V K 100uF 6.3V M 22mF 16V K 0.01uF 50V K 120pF 50V J 22mF 16V K 2200pF 50V K 22mF 16V K 2200pF 50V K 22mF 16V K 0.01uF 50V K 120pF 50V K 22mF 16V K 2200pF 50V K 22mF 16V K 0.01uF 50V K 110pF 50V J 22mF 16V K 2200pF 50V K 0.01uF 50V K 120pF 50V K 0.01uF 50V K 120pF 50V K 120pF 50V K 0.01uF 50V M 0.1uF 25V K 0.1uF 25V K
R9803 R9804 R9805 R9806 R9807 R9808 R9809 R9810 R9812 R9822 R9823 R9824 R9825 R9826 R9827 R9828 R9829 R9831 R9841 R9843 R9845 R9845 R9845 R9846 R9847 R9846 R9847 R9846 R9847 R9846 R9847 R9848 R9849 R9861 R9862	NRSA02J-0R0X NRSA63J-562X NRVA02D-473X NRSA63D-103X NRSA63D-103X NRSA63J-182X NRSA63J-182X NRSA63J-183X NRSA02J-0R0X NRSA02J-0R0X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63D-103X NRSA63D-103X NRSA63D-124X NRSA63D-124X NRSA63J-182X NRSA63J-182X NRSA63J-182X NRSA63J-182X NRSA63J-182X NRSA63J-182X NRSA63J-100X NRSA63J-100X NRSA63J-100X NRSA63J-100X NRSA63J-100X NRSA63J-100X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-103X	MG RESISTOR	0Ω 1/10W J 5.6kΩ 1/16W J 47kΩ 1/10W D 120kΩ 1/16W D 10kΩ 1/16W D 6.8kΩ 1/16W J 1.8kΩ 1/16W J 18kΩ 1/16W J 0Ω 1/10W J 0Ω 1/10W J 10kΩ 1/16W D 10kΩ 1/16W J 1.8kΩ 1/16W J 1.8kΩ 1/16W J 1.8kΩ 1/16W J 1.8kΩ 1/16W J 10Ω 1/10W J 0Ω 1/10W J 0Ω 1/10W J 10kΩ 1/16W J

ÆRef No.	Part No.	Part Name	Description Local
R9863 R9864 R9865 R9866 R9867 R9868 R9869 R9881 R9882 R9883 R9884 R9885	NRSA63J-824X NRSA63J-680X NRSA63J-103X NRSA63D-153X NRSA63D-154X NRSA63D-154X NRSA02J-0R0X NRS12BJ-332W NRSA63D-472X NRSA63D-472X NRSA63D-472X NRSA63D-273X NRSA63D-273X NRSA63D-472X	MG RESISTOR	820kΩ 1/16W J 68Ω 1/16W J 10kΩ 1/16W D 10kΩ 1/16W D 10kΩ 1/16W D 150kΩ 1/16W D 0Ω 1/10W J 3.3kΩ 1/2W J 4.7kΩ 1/16W D 4.7kΩ 1/16W D 6.8kΩ 1/16W D 4.7kΩ 1/16W D 4.7kΩ 1/16W D
L9802 L9822 L9823 L9842 L9862 CN9806 CN9807	NQL98EM-150X NQL71EM-150X NQR0562-003X NQL98EM-150X NQL98EM-150X QGB2501K2-07 QGB2501K2-10	COIL COIL CHOKE COIL COIL COIL COIL CONNECTOR CONNECTOR	15uH M 15uH M 15uH M 15uH M B-B (1-7) B-B (1-10)

DIGITAL SIGNAL P.W. BOARD ASS'Y (SFL0D131A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC0401 IC1001 IC1002 IC1003 IC1502 IC3001 IC3004 IC3005 IC3006 IC3006 IC3008 IC3403 IC3501 IC3501 IC3502	SN74AHCT1G32V-X TC90A92AFG MM1572FN-X R1141Q151D-X NJM2235V-X JCC5055 TC7MB3257FK-X SN74LVC1G08V-X SN74LVC3G17U-X R1170H331B-X S-80928CLNB-G-W EDD1232AAFA-7A EDD1232AAFA-7A		
IC4001 IC4003 IC4004 IC4005 IC6502	JCC5057 AT29LE-37X776KA ATF25637X776K1 SN74LVC1G08V-X THC63LVDM83R-W	IC IC(MICRO C ROM) IC IC IC	(SERVICE) (SERVICE)
IC7001 IC7002 IC7003 IC7401 IC7601	MN102H60KPH ATF25637X776K2 SN74LVC2G241T-X S-80928CLNB-G-W M306V7MG-125FP	IC IC IC IC IC(MCU)	(SERVICE)
IC7602 IC7603 IC7607 IC7608 IC7609 IC9201	ATF16-37X776KA SN74LVC1G04V-X MM1510XN-X MM1510XN-X SN74LVC1G08V-X MP1593DN-X	IC IC IC IC IC	(SERVICE)
Q0101 Q0102 Q0104 Q0107 Q0108 Q0110 Q0201 Q0202 Q0204 Q0207 Q0208 Q0210 Q0301 Q0302 Q0304 Q0307 Q0308 Q0309 Q0310 Q1001 Q1001 Q1003 Q1004 Q1101	2SC3837K/NP/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1530A/QR/-X 2SA1530A/QR/-X HN1C01F/Y/-X HN1C01F/Y/-X 2SC3837K/NP/-X 2SA1022/BC/-X 2SA1022/BC/-X 2SA1530A/QR/-X HN1C01F/Y/-X HN1C01F/Y/-X HN1C01F/Y/-X 2SC3837K/NP/-X 2SC3837K/NP/-X 2SA1022/BC/-X 2SC3928A/QR/-X HN1C01F/Y/-X HN1C01F/Y/-X HN1C01F/Y/-X UN2213-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR PAIR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR PAIR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	

⚠Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
Q1103 Q1201 Q1203 Q1301 Q1303 Q1401 Q1403 Q3001 Q3002 Q3003 Q3004 Q4001 Q6501 Q7206 Q7206 Q7207 Q7208	2SA1530A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SA1530A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X 2SC3928A/QR/-X UN2113-X UN2113-X UN2113-X	TRANSISTOR DIGI TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		C1029 C1030 C1031 C1032 C1033 C1035 C1037 C1038 C1039 C1040 C1041 C1042 C1043 C1045 C1046 C1047	NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HJ-680X NCB30JK-225X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB30JK-225X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X	C CAPACITOR	0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V J 2.2uF 6.3V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 10uF 6.3V K 2.2uF 6.3V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K
D1001 D1002 D2101 D7001 D7003 D7005 D7006 D7007 D7008 D7009 D7010 D7203 D9201 D9203 D9204	EC30HA03L-X EC30HA03L-X 1SS355-X 1SS355-X RB501V-40-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X UDZS8.2B-X 1SS355-X 1SS355-X EC30HA04-X PTZ3.9B-X 1SS355-X	SB DIODE SB DIODE SI DIODE SI DIODE SB DIODE Z DIODE SI DIODE SI DIODE SI DIODE SB DIODE SB DIODE SI DIODE SI DIODE		C1048 C1049 C1050 C1051 C1061 C1062 C1063 C1064 C1065 C1066 C1067 C1068 C1069 C1071 C1072 C1073	NCB30JK-105X NCB31HK-103X NCB30JK-105X NCB30JK-105X NDC31HJ-4R0X NBE40JM-476X NCB21AK-225X NCB31HK-103X NCB30JK-105X NBE40JM-476X NCB30JK-105X NBE40JM-476X NCB21AK-225X NBE20GM-106X NBE20GM-106X NBE40JM-476X NBE40JM-476X	C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR TA E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR TA E CAPACITOR	1uF 6.3V K 0.01uF 50V K 1uF 6.3V K 1uF 6.3V K 4pF 50V J 47uF 6.3V M 2.2uF 10V K 0.01uF 50V K 1uF 6.3V M 1uF 6.3V K 47uF 6.3V M 2.2uF 10V K 47uF 6.3V M 1uF 6.3V M 47uF 6.3V M 3.2uF 10V K
C0104 C0105 C0107 C0109 C0110 C0111 C0112 C0113 C0114 C0115 C0116 C0117 C0204 C0205 C0207 C0209 C0211 C0212 C0211 C0212 C0213 C0214 C0215 C0217 C0309 C0301 C0311 C0312 C0311 C0312 C0311 C0312 C0310 C0301 C0311 C0312 C0311 C0312 C0311 C0312 C0313 C0314 C0315 C0317 C0404 C1005 C1001 C1004 C1001 C1010 C1001	NDC31HJ-390X NDC31HJ-330X NCB31CK-104X NCB11AK-106X NCB11AK-106X NDC31HJ-820X NDC31HJ-820X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-104X NDC31HJ-330X NDC31HJ-330X NDC31HJ-330X NCB31CK-104X NCB11AK-106X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NDC31HJ-820X NCB11AK-106X NCB11AK-106X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31CK-104X NCB31HJ-360X NCB31HJ-360X NCB31HJ-360X NCB31HJ-360X NCB31HJ-360X NCB31HJ-560X NCB31HK-106X NCB31HJ-560X NCB31HJ-560X NCB31HJ-560X NCB31HJ-560X NCB31HK-103X	C CAPACITOR C CAPA	39pF 50V J 33pF 50V J 0.1uF 16V K 10uF 10V K 10uF 10V K 82pF 50V J 10uF 10V K 0.1uF 16V K 0.1uF 16V K 0.1uF 16V K 0.1uF 16V K 10uF 10V K 56pF 50V J 33pF 50V J 33pF 50V J 0.1uF 16V K 10uF 10V K 82pF 50V J 0.1uF 16V K 10uF 10V K 82pF 50V J 33pF 50V J 0.1uF 16V K 10uF 10V K 10uF 10V K 10uF 10V K 10uF 10V K 10uF 16V K 0.1uF 16V K 0.1uF 16V K 10uF 10V K 10uF 10V K 10uF 10V K 0.1uF 16V K 0.1uF 50V J 0.01uF 50V K	C1074 C1075 C1076 C1076 C1077 C1102 C1103 C1104 C1105 C1106 C1107 C1109 C1111 C1202 C1203 C1204 C1205 C1206 C1209 C1302 C1303 C1304 C1305 C1306 C1309 C1301 C1401 C1402 C1403 C1404 C1405 C1406 C1409 C1411 C1502 C1508 C1509 C1511 C2036 C2101 C2102 C3008 C3010 C3016 C3008 C3010 C3018 C3019 C3021 C3023 C3025 C3026 C3028 C3030 C3031 C3021 C3023 C3025 C3026 C3028 C3030 C3031 C3021 C3022 C3023 C3025 C3026 C3028 C3030 C3031 C3037 C3040	NBE40JM-476X NBE40JM-476X NBE40JM-476X NBE20GM-106X NEHM1CM-476X NDC31HJ-330X NDC31HJ-560X NCF11CZ-475X NCB31CK-104X NDC31HJ-560X NDC31HJ-560X NDC31HJ-330X NDC31HJ-330X NDC31HJ-330X NDC31HJ-350X NCF11CZ-475X NCB31CK-104X NDC31HJ-151X NDC31HJ-470X NDC31HJ-151X NDC31HJ-470X NDC31HJ-151X NDC31HJ-470X NDC31HJ-151X NDC31HJ-161X NCB31CK-104X NCB31	TA E CAPACITOR TA E CAPACITOR TA E CAPACITOR E CAPACITOR C CAPACIT	47uF 6.3V M 47uF 16.3V M 10uF 4V M 47uF 16V M 33pF 50V J 68pF 50V J 56pF 50V J 4.7uF 16V K 56pF 50V J 150pF 50V J 150pF 50V J 33pF 50V J 33pF 50V J 56pF 50V J 4.7uF 16V Z 0.1uF 16V K 150pF 50V J 4.7uF 16V Z 0.1uF 16V K 150pF 50V J 4.7uF 16V Z 0.1uF 16V K 150pF 50V J 4.7uF 16V Z 0.1uF 16V Z 0.1uF 16V K 150pF 50V J 100pF 50V J

⚠Ref No.	Part No.	Part Name	Description Local	∆Ref No.	Part No.	Part Name	Description Local
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C4916	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C4919	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4920	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4921	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4922	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4923	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	C4925	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C4926	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C4931	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	C4932	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C4933	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4934	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4936	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4937	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4938	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4939	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4940	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4941	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C4942	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C6015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3105		C CAPACITOR	2.2uF 6.3V K	C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3107	NCB30JK-225X NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3112	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6520	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3127	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C6521	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3128	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C6522	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3129	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7203	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C3517 C3518	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7401 C7402	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3519	NCB31CK-104X NCB31CK-104X	C CAPACITOR C CAPACITOR	0.1uF 16V K 0.1uF 16V K	C7403	NDC31HJ-101X NCB31HK-102X	C CAPACITOR C CAPACITOR	100pF 50V J 1000pF 50V K
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9003	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9006	NEHL1HM-106X	E CAPACITOR	10uF 50V M
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9202	NCJ41HK-335X-U	CHIP C CAPACITO	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9203	NCB31EK-393X	C CAPACITOR	0.039uF 25V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C4030 C4031	NDC31HJ-470X NCB11AK-106X	C CAPACITOR C CAPACITOR	47pF 50V J 10uF 10V K	C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4901	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C4906	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C4907	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4908	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4909	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4910	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C4913	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C4914	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C4915	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Loca
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0127 R0128	NRSA63J-0R0X NRSA63J-102X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1kΩ 1/16W J	R1113 R1114	NRSA63J-330X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	33Ω 1/16W J 0Ω 1/16W J
R0129 R0131	NRSA63J-103X NRSA63J-472X	MG RESISTOR	10kΩ 1/16W J 4.7kΩ 1/16W J	R1115 R1201	NRSA63J-0R0X NRSA63J-182X	MG RESISTOR	0Ω 1/16W J 1.8kΩ 1/16W J
R0131	NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J	R1203	NRSA63J-101X	MG RESISTOR MG RESISTOR	1.0kΩ 1/16W J
R0133 R0134	NRSA63J-0R0X NRSA63J-472X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 4.7kΩ 1/16W J	R1204 R1205	NRSA63J-332X NRSA63J-561X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 560Ω 1/16W J
R0137	NRSA63J-472X NRSA63J-151X	MG RESISTOR	4.7kΩ 1/16W J 150Ω 1/16W J	R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0138 R0140	NRSA63J-0R0X NRSA63J-182X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1.8kΩ 1/16W J	R1207 R1213	NRSA63J-331X NRSA63J-330X	MG RESISTOR	330Ω 1/16W J 33Ω 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1301	NRSA63J-182X	MG RESISTOR MG RESISTOR	1.8kΩ 1/16W J
R0205 R0206	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J 330Ω 1/16W J	R1303 R1304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0207	NRSA63J-331X NRSA63J-331X	MG RESISTOR MG RESISTOR	330Ω 1/16W J	R1304	NRSA63J-332X NRSA63J-561X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 560Ω 1/16W J
R0209 R0210	NRSA63J-151X NRSA63J-101X	MG RESISTOR MG RESISTOR	150Ω 1/16W J 100Ω 1/16W J	R1306 R1307	NRSA63J-471X NRSA63J-561X	MG RESISTOR MG RESISTOR	470Ω 1/16W J 560Ω 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0219 R0220	NRSA63J-271X NDC31HJ-390X	MG RESISTOR C CAPACITOR	270Ω 1/16W J 39pF 50V J	R1401 R1403	NRSA63J-182X NRSA63J-101X	MG RESISTOR MG RESISTOR	1.8kΩ 1/16W J 100Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω [·] 1/16W J	R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0222 R0225	NRSA63J-102X NRSA63J-222X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 2.2kΩ 1/16W J	R1405 R1406	NRSA63J-561X NRSA63J-471X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 470Ω 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0227 R0228	NRSA63J-181X NRSA63J-102X	MG RESISTOR MG RESISTOR	180Ω 1/16W J 1kΩ 1/16W J	R1413 R1523	NRSA63J-330X NCB31CK-104X	MG RESISTOR C CAPACITOR	33Ω 1/16W J 0.1uF 16V K
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R0231 R0232	NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J	R1525 R1584	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R2056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234 R0237	NRSA63J-472X NRSA63J-271X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 270Ω 1/16W J	R2057 R2101	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0240 R0241	NRSA63J-182X NRSA63J-472X	MG RESISTOR MG RESISTOR	1.8kΩ 1/16W J 4.7kΩ 1/16W J	R2103 R2104	NRSA63J-220X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 0Ω 1/16W J
R0305 R0306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2105 R2121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0307	NRSA63J-331X NRSA63J-331X	MG RESISTOR MG RESISTOR	330Ω 1/16W J 330Ω 1/16W J	R2122	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0309 R0310	NRSA63J-151X NRSA63J-101X	MG RESISTOR MG RESISTOR	150Ω 1/16W J 100Ω 1/16W J	R2123 R2125	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0319 R0320	NRSA63J-271X NDC31HJ-390X	MG RESISTOR C CAPACITOR	270Ω 1/16W J 39pF 50V J	R2151 R2153	NRSA02J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R2154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0322 R0325	NRSA63J-102X NRSA63J-222X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 2.2kΩ 1/16W J	R2155 R2157	NRSA63J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/10W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0327 R0328	NRSA63J-181X NRSA63J-102X	MG RESISTOR MG RESISTOR	180Ω 1/16W J 1kΩ 1/16W J	R3004 R3006	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0331 R0332	NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J	R3008 R3009	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0333 R0334	NRSA63J-0R0X NRSA63J-472X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 4.7kΩ 1/16W J	R3012 R3013	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0338 R0340	NRSA63J-0R0X NRSA63J-182X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 1.8kΩ 1/16W J	R3015 R3018	NRSA63J-0R0X NRSA02J-3R3X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 3.3Ω 1/10W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0501 R0502	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R3020 R3021	NRSA02J-3R3X NRSA63D-102X	MG RESISTOR MG RESISTOR	3.3Ω 1/10W J 1kΩ 1/16W D
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0506 R0507	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R3023 R3024	NRSA63D-332X NRSA63J-102X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W D 1kΩ 1/16W J
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3028	NRSA63J-102X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J
R0516 R0517	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R3029 R3030	NRSA63D-392X NRSA63D-102X	MG RESISTOR	3.9kΩ 1/16W D 1kΩ 1/16W D
R0518 R0519	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	R3031 R3032	NRSA63D-151X NRSA63J-5R6X	MG RESISTOR MG RESISTOR	150Ω 1/16W D 5.6Ω 1/16W J
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R1001 R1002	NRSA63J-274X NRSA63D-101X	MG RESISTOR MG RESISTOR	270kΩ 1/16W J 100Ω 1/16W D	R3034 R3036	NRSA63J-5R6X NRSA63J-102X	MG RESISTOR MG RESISTOR	5.6Ω 1/16W J 1kΩ 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1005 R1006	NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J	R3038 R3040	NRSA63J-472X NRSA63J-201X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 200Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1010 R1011	NRSA63J-561X NRSA63J-183X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 18kΩ 1/16W J	R3042 R3043	NRSA63J-201X NRSA63J-562X	MG RESISTOR MG RESISTOR	200Ω 1/16W J 5.6kΩ 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R1013 R1014	NRSA63J-122X NRSA63J-101X	MG RESISTOR MG RESISTOR	1.2kΩ 1/16W J 100Ω 1/16W J	R3045 R3047	NRSA63J-220X NRSA63J-562X	MG RESISTOR MG RESISTOR	22Ω 1/16W J 5.6kΩ 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R1018 R1019	NRSA63J-332X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 0Ω 1/16W J	R3053 R3054	NRSA63J-272X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	2.7kΩ 1/16W J 0Ω 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1102 R1104	NRSA63J-101X NRSA63J-332X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 3.3kΩ 1/16W J	R3063 R3064	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R1105 R1106	NRSA63J-561X NRSA63J-561X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 560Ω 1/16W J	R3065 R3066	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

RECORD NOS-RELATIONS	⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
READY RESEAUL APEN	R3070					NRSA63J-0R0X		
RESIDENT	R3071 R3072					NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	
Red	R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RESIDENT	R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RESIDENT	R3092 R3093	NRSA63J-220X NRSA63J-220X			R4019 R4023		MG RESISTOR MG RESISTOR	
READ MESAL 5 (100)	R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
RAME MIRANGE	R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
RODIES NESABLE-100X MG RESISTOR 511119W J RODIES NESABLE-100X MG RESISTOR 501119W J RODIES NESABLE-100X MG RESISTOR 50119W J RODIES NESAB	R3098		MG RESISTOR MG RESISTOR		R4035 R4037		MG RESISTOR	
READ MRSARS-1800	R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3103 NRS-863-1070X MC RESISTOR 511.1199V J R4066 RESAS-3-100X MC RESISTOR 00.1199V J R4067 R3104 NRS-863-100X MC RESISTOR 00.1199V J R4067 R3104 NRS-863-100X MC RESISTOR 00.1199V J R4067 R3104 NRS-863-100X MC RESISTOR 00.1199V J R4066 NRS-863-100X MC RESISTOR 20.01199V J R4066 NRS-863-100X MC RESISTOR 20.01199V J R4067 NRS-863-3-20X MC RESISTOR 20.01199V J R4066 NRS-863-3-20X MC RESISTOR 00.1199V J R4066	R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R405 MRSASJ-800 MR RESISTOR S10 1199 J R405 R405 R503-3-000 MRSASJ-800	R3103		MG RESISTOR MG RESISTOR				MG RESISTOR	
R3106 NR544JARX MG RESISTOR 00 14WJ R4405 NR5AS3-21X MG RESISTOR 2200.116WJ R4108 NR5AS3-21X MG RESISTOR 2200.116WJ R4108 NR5AS3-14X MG RESISTOR 2200.116WJ R4108 NR5AS3-14X MG RESISTOR 2200.116WJ R4108 NR5AS3-14X MG RESISTOR 00 116WJ R651 NR5AS3-14X MG RESISTOR 00 116WJ R651 NR5AS3-14X MG RESISTOR	R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R4055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3114 NR5AG3-JR0X MG RESISTOR DQ 1196VJ R4060 NR5AG3-JR0X MG RESISTOR QQ 1196VJ R406 NR5AG3-JR0X	R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3114 NR5AG3-JR0X MG RESISTOR DQ 1196VJ R4060 NR5AG3-JR0X MG RESISTOR QQ 1196VJ R406 NR5AG3-JR0X	R3107 R3112	NRS144J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/4W J 0Ω 1/16W J	R4058 R4059	NRSA63J-0R0X	MG RESISTOR MG RESISTOR	
R3116 NRSA63J-90X M RESISTOR 01.116W J R4665 NRSA63J-10X M RESISTOR 01.116W J R4102 NRSA63J-10X M RESISTOR 01.116W J R4102 NRSA63J-10X M RESISTOR 01.116W J R4102 NRSA63J-90X M RESISTOR 01.116W J R4103 NRSA63J-90X M R4103 NRSA63J-9	R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3122 NESASSJ-20X MG RESISTOR 02 116W J R4101 NESASSJ-0R0X MG RESISTOR 02 116W J R4104 NESASSJ-0R0X MG RESISTOR 02 116W J R4105 NESASSJ-0R0X MG RESISTOR 02 116W J R4106 NESASSJ-0R0X MG RESISTOR 02 116W	R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3126 NRSA63J-PROX MG RESISTOR 01 116W J R4102 NRSA63J-PROX MG RESISTOR 01 116W J R4105 NRSA63J-PROX MG RESISTOR 01 116W J R4105 NRSA63J-PROX MG RESISTOR 10 1176W J R4105 NRSA63J-PROX MG RESISTOR 10	R3120 R3122	NRSA63J-220X NRSA63J-220X	MG RESISTOR MG RESISTOR			NRSA63J-102X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	
R3152 NESA63_JORX MG RESISTOR 02_116W_J R4105 NESA63_JORX MG RESISTOR 02_116W_J R316 NESA63_JORX MG RESISTOR 02_116W_J R4105 N	R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3155 NESAB3_HORX MG RESISTOR 02 1/16W J R4109 NR5A63_HORX MG RESISTOR 1002 1/16W J R3157 NR5A63_HORX MG RESISTOR 02 1/16W J R8159 NR5A63_HORX MG RESISTOR 1002 1/16W J R8159 NR5A63_HORX MG RESISTOR 102 1/16W J R8159 NR5A63_HORX MG	R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3156 NRSA63J-GRUX MG RESISTOR 01.116W J R4109 NRSA63J-102X MG RESISTOR 100,116W J R3157 NRSA63J-GRUX MG RESISTOR 01.116W J R6022 NRSA63J-101X MG RESISTOR 100,116W J R6022 NRSA63J-101X MG RESISTOR 100,116W J R6023 NRSA63J-GRUX MG RESISTOR 100,116W J R6024 NRSA63J-GRUX MG RESISTOR 100,116W J R6034 NRSA63J-GRUX MG RESISTOR 100,116W J R6034 NRSA63J-GRUX MG RESISTOR 100,116W J R6035 NRSA63J-GRUX MG RESISTOR 101,16W J R6035 NRSA63J-GRUX MG RESISTOR 100,116W J R6035 NRSA63J-GRUX M	R3153 R3155		MG RESISTOR MG RESISTOR				MG RESISTOR MG RESISTOR	
R3158 NRSAB3J-RRX MG RESISTOR 01.116W J R8023 NRSAB3J-101X MG RESISTOR 1002.116W J R8031 NRSAB3J-RRX MG RESISTOR 02.116W J R8031 NRSAB3J-RRX MG RESISTOR 1002.116W J R8031 NRSAB3J-RRX MG RESISTOR 02.116W J R8032 NRSAB3J-RRX MG RESISTOR 02.116W J R	R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4109	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3161 NRSA83J-PRDX MG RESISTOR QQ 11/6W J R6057 NRSA83J-PRDX MG RESISTOR QQ 11/6W J R6154 NRSA83J-PRDX MG RESISTOR	R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3161 NRSA83J-PRDX MG RESISTOR QQ 11/6W J R6057 NRSA83J-PRDX MG RESISTOR QQ 11/6W J R6154 NRSA83J-PRDX MG RESISTOR	R3159 R3160	NRSA63J-0R0X NRSA63J-0R0X			R6031 R6034		MG RESISTOR MG RESISTOR	
R3163 NRSA63J-ORDX MG RESISTOR 01.116W J R6500 NRSA63J-ORDX MG RESISTOR 01.116W J R5165 NRSA63J-ORDX MG RESISTOR 01.116W J R6510 NRSA63J-ORDX MG RESISTOR 01.116W J R6510 NRSA63J-ORDX MG RESISTOR 01.116W J R6510 NRSA63J-ORDX MG RESISTOR 11.116W J R612 NRSA63J-ORDX MG RESISTOR 11.116W J R613 NRSA63J-ORDX MG RESISTOR 11.116W J	R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3166 NRSA63J-0R0X MG RESISTOR 01.116W J R6512 NRSA63J-10ZX MG RESISTOR 162.116W J R3167 NRSA63J-0R0X MG RESISTOR 02.116W J R6512 NRSA63J-0ZX MG RESISTOR 02.116W J R6513 NRSA63J-0R0X MG RESISTOR 02.116W J R6514 NRSA63J-0R0X MG RESISTOR 02.116W J R6514 NRSA63J-0R0X MG RESISTOR 02.116W J R6514 NRSA63J-0R0X MG RESISTOR 02.116W J R6516 NRSA63J-0R0X MG RESISTOR 02.116W J R6516 NRSA63J-0R0X MG RESISTOR 02.116W J R6516 NRSA63J-0R0X MG RESISTOR 02.116W J R6517 NRSA63J-0R0X MG RESISTOR 02.116W J R6518 NRSA63J-0R0X MG RESISTOR 03.116W J R6518 NRSA63J-0R0X MG RESISTOR 03.116W J R6518 NRSA63J-0R0X MG RESISTOR 04.116W J R6518 NRSA63J-0R0X MG RESISTOR 04.116	R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3166 NRSA63J-UROX MG RESISTOR 01 116W J R6512 NRSA63J-UROX MG RESISTOR 1001 116W J R613 NRSA63J-UROX MG RESISTOR 02 116W J R614 NRSA63J-UROX MG RESISTOR 02 116W J R615 NRSA63J-UROX MG RESISTOR 12 116W J R6	R3164 R3165				R6507 R6510			
R3168 NRSA63J-DRIX MG RESISTOR 0116W J R6514 NRSA63J-DRIX MG RESISTOR 1000 1/16W J R3170 NRS144J-DRIX MG RESISTOR 0116W J R6515 NRSA63J-DRIX MG RESISTOR 00.116W J R3170 NRS144J-DRIX MG RESISTOR 01.116W J R6521 NRSA63J-DRIX MG RESISTOR 00.116W J R6521 NRSA63J-DRIX MG RESISTOR 10.116W J R6521 NRSA63J-DRIX MG RESISTOR 10.116W J R6531 NRSA63J-DRIX MG RESISTOR 00.116W J R6533 NRSA63J-DRIX MG RESISTOR 00.116W J R6533 NRSA63J-DRIX MG RESISTOR 00.116W J R6534 NRSA63J-DRIX MG RESISTOR 00.116W J R6534 NRSA63J-DRIX MG RESISTOR 00.116W J R6536 NRSA63J-DRIX MG RESISTOR 00.116W J R6540 NRSA63J-DRIX MG RESISTOR 00.116W J R6550 NRSA63J-DRIX MG RESISTOR 00.116W J R6550 NRSA63J-DRIX MG RESISTOR 00.116W J R6550 NRSA63J-DRIX MG RESISTOR 00.116W	R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
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	R3544 R4004							

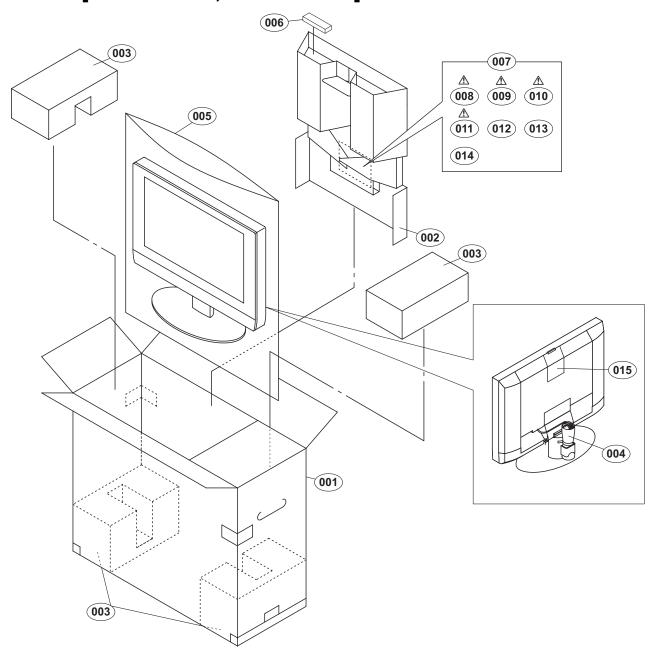
⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Loca
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7039 R7041	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J	R7680 R7681	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7043 R7046	NRSA63J-101X NRSA63J-103X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 10kΩ 1/16W J	R7686 R7688	NRSA63J-105X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	1MΩ 1/16W J 0Ω 1/16W J
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7057 R7058	NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J	R7691 R9201	NRSA63J-333X NRSA63J-473X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 47kΩ 1/16W J
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7064 R7065	NRSA63J-0R0X NRSA63J-101X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100Ω 1/16W J	R9204 R9205	NRSA63D-272X NRSA63D-103X	MG RESISTOR MG RESISTOR	2.7kΩ 1/16W D 10kΩ 1/16W D
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7068 R7069	NRSA63J-101X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 0Ω 1/16W J	R9208 R9209	NRSA63J-105X NRSA63J-680X	MG RESISTOR MG RESISTOR	1MΩ 1/16W J 68Ω 1/16W J
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7080 R7083	NRSA63J-0R0X NRSA63J-103X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 10kΩ 1/16W J	RA1001 RA1002	NRZ0080-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA1004	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7087 R7088	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J	RA1005 RA1006	NRZ0080-0R0X NRZ0040-0R0X	NET RESISTOR NET RESISTOR	0Ω 1/16W J 0Ω 1/16W J x4
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA2012	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7090 R7093	NRSA63J-103X NRSA63J-103X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J	RA2013 RA2015	NRZ0080-0R0X NRZ0080-0R0X	NET RESISTOR NET RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA2016	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
R7098 R7099	NRSA63J-102X NRSA63J-103X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 10kΩ 1/16W J	RA3004 RA3013	NRZ0034-103W NRZ0034-220W	NET RESISTOR NET RESISTOR	10kΩ 1/32W J x4 22Ω 1/32W J x4
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
R7101 R7104	NRSA63J-333X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 0Ω 1/16W J	RA3015 RA3016	NRZ0034-220W NRZ0034-220W	NET RESISTOR NET RESISTOR	22Ω 1/32W J x4 22Ω 1/32W J x4
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3018	NRZ0034-220W NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7112 R7114	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J	RA3022 RA3023	NRZ0080-510X NRZ0040-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J x4
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7118 R7119	NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J	RA3025 RA3026	NRZ0040-510X NRZ0040-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J x4
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3028	NRZ0040-510X NRZ0080-510X	NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7133 R7134	NRSA63J-0R0X NRSA63J-221X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 220Ω 1/16W J	RA3032 RA3502	NRZ0080-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7136 R7137	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	RA3508 RA3512	NRZ0080-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7148 R7149	NRSA63J-101X NRSA63J-103X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 10kΩ 1/16W J	RA3521 RA3523	NRZ0080-510X NRZ0040-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J 51Ω 1/16W J x4
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7153 R7158	NRSA63J-101X NRSA63J-103X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 10kΩ 1/16W J	RA3530 RA3531	NRZ0040-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7161 R7162	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J	RA3542 RA3545	NRZ0040-510X NRZ0080-510X	NET RESISTOR NET RESISTOR	51Ω 1/16W J x4 51Ω 1/16W J
R7163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7214 R7215	NRSA63J-103X NRSA63J-104X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100kΩ 1/16W J	RA4007 RA4008	NRZ0034-101W NRZ0034-101W	NET RESISTOR NET RESISTOR	100Ω 1/32W J x4 100Ω 1/32W J x4
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4009	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4010	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4
R7224 R7401	NRSA63J-683X NRSA63J-101X	MG RESISTOR MG RESISTOR	68kΩ 1/16W J 100Ω 1/16W J	RA4011 RA4012	NRZ0034-101W NRZ0034-101W	NET RESISTOR NET RESISTOR	100Ω 1/32W J x4 100Ω 1/32W J x4
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA4013	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7601 R7602	NRSA63J-102X NRSA63J-103X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 10kΩ 1/16W J	RA4014 RA4015	NRZ0034-0R0W NRZ0034-0R0W	NET RESISTOR NET RESISTOR	0Ω 1/32W J x4 0Ω 1/32W J x4
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA6515	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7605 R7606	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	RA7007 RA7601	NRZ0040-0R0X NRZ0034-0R0W	NET RESISTOR NET RESISTOR	0Ω 1/16W J x4 0Ω 1/32W J x4
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7608 R7609	NRSA63J-222X NRSA63J-272X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.7kΩ 1/16W J	RA7603 RA7604	NRZ0034-0R0W NRZ0034-0R0W	NET RESISTOR NET RESISTOR	0Ω 1/32W J x4 0Ω 1/32W J x4
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7612 R7613	NCB31AK-224X NRSA63J-472X	C CAPACITOR MG RESISTOR	0.22uF 10V K 4.7kΩ 1/16W J	RB7614 RB7615	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J				
R7615 R7656	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	L0101 L0201	NQL092K-R68X NQL092K-R68X	COIL COIL	0.68uH K 0.68uH K
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L0201	NQL092K-R68X	COIL	0.68uH K
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7659 R7660	NRSA63J-682X NRSA63J-105X	MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 1MΩ 1/16W J	L0401 L1001	NRSA02J-0R0X NQR0489-002X	MG RESISTOR FERRITE BEADS	0Ω 1/10W J
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	L1002	NQR0489-002X	FERRITE BEADS	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K

⚠Ref No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Loca
L1004 L1005	NQR0489-002X NQR0489-002X	FERRITE BEADS FERRITE BEADS		K1003 K1004	NRSA02J-0R0X NQR0489-002X	MG RESISTOR FERRITE BEADS	0Ω 1/10W J
L1005	NQR0489-002X	FERRITE BEADS		K1004 K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1008	NQL79GM-220X	COIL	22uH M	K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K2104	NOR0480-002Y	FERRITE BEADS	022 1/10 VV 0
L1011	NQL79GM-470X	COIL	47uH M	K2107	NQR0489-002X NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1101	NQL092K-6R8X	COIL	6.8uH K	K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L1102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K2107 K3003 K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L1103	NQL093K-1R0X	P COIL	1uH K	K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1104	NQL093K-R10X	COIL	0.1uH K	K3010	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1201	NQL092K-6R8X	COIL	6.8uH K	K9001	NQR0413-003X NQR0413-003X	FERRITE BEADS	
L1203	NQL092K-1R0X	COIL	1uH K	K9002	NQR0413-003X	FERRITE BEADS FERRITE BEADS	
L1301	NQL092K-3R3X	COIL	3.3uH K	LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
L1303	NQL092K-1R0X	COIL	1uH K	LC0510	NQR0498-001X	EMI FILTER EMI FILTER	
L1304	NQL093K-R10X	COIL	0.1uH K	LC0511	NQR0498-001X	EMI FILTER	
L1401	NQL092K-3R3X	COIL	3.3uH K	LC0512	NQR0498-001X NQR0498-001X	EMI FILTER	
L1403	NQL092K-1R0X	COIL	1uH K	LC0513	NQR0498-001X	EMI FILTER EMI FILTER	
L1404	NQL093K-R10X	COIL	0.1uH K	LC0519 LC0520	NQR0416-001X	EMI FILTER EMI FILTER	240pF 16V M
L1501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC0520	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%
L2101	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC0522	NQR0470-007X	EMI FILTER EMI FILTER	2200pF 50V +50%-20%
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC0523	NQR0483-006X	EMI FILTER	
L3006	NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J	LC0524 LC0525 LC0526 LC0527	NQR0483-005X NQR0483-006X	EMI FILTER EMI FILTER EMI FILTER	100uF 25V Z
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC0525	NQR0483-006X	EMI FILTER	0000 5 501/ 500/ 000/
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC0526	NQR0470-007X	EMI FILIER	2200pF 50V +50%-20%
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC0527	NQR0483-006X	EMI FILTER	
L3011 L3012	NRSA02J-0R0X NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J 0Ω 1/10W J	LC6501 LC7001	NQR0479-001X NQR0470-003X	EMI FILTER EMI FILTER	100= 00/ 100/ 200/
L3012 L3013				LC7001		EMI FILI EK	100pF 50V +50%-20%
L3013 L3014	NQL093K-R10X	COIL COIL	0.1uH K 0.1uH K	LC7002	NQR0470-003X NQR0470-003X	EMI FILTER EMI FILTER	100pF 50V +50%-20% 100pF 50V +50%-20%
L3014 L3015	NQL093K-R10X NQL093K-R10X	COIL	0.1uH K 0.1uH K	LC7003 SL7001	NAX0613-001X	C RESONATOR	100pr 50V +50%-20%
L35013	NQR0413-003X	EEDDITE BEADS	U. Tull K	X1001	NAX0642-001X	CRYSTAL	
L4001	NQR0413-003X	FERRITE BEADS FERRITE BEADS		X3001	NAX0635-001X	CXO	
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	X3003	NAX0668-001X	CXO	
L4003	NRSA02J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/10W J	X4001	NAX0669-001X	CRYSTAL	
L6501	NQR0351-001X	FERRITE BEADS	022 0011 0	X7601	NAX0613-001X	C RESONATOR	
L6502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	700.		0112001011011	
L6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4				
L6509	NRZ0034-0R0W	NFT RESISTOR	0Ω 1/32W J x4				
L6510	NRZ0034-0R0W NRSA63J-0R0X	NET RESISTOR MG RESISTOR	0Ω 1/32W J x4	RECEI\	/FR PW BOA	ARD ASS'Y (SF	I 0F801A-M2)
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				201 00 17 (1112)
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RFFFR 1	TO PARTS LIST I	N PAGE 3-25 FOR	THIS P.W. BOARD.
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	TILL LIV	101711110 2101 11		11110 1 Bor ((B)
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	DIGITA	L TUNER MO	DULE P.W. BO	ARD ASS'Y
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L9201	NQL71EM-150X	COIL	15uH M	(SSD-2	101A-M2)		
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	REFER 1	TO PARTS LIST I	N PAGE 3-25 FOR	THIS P.W. BOARD.
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)				
CN002 CN005	QGB0603L1-B0	CONNECTOR	B-B (1-110)				
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL-IN				
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				

REMOTE CONTROL UNIT PARTS LIST (RM-C14G-1H)

⚠ Ref No.	Part No.	Part Name	Description	Local
001	UR77EC1403A	BATTERY COVER		

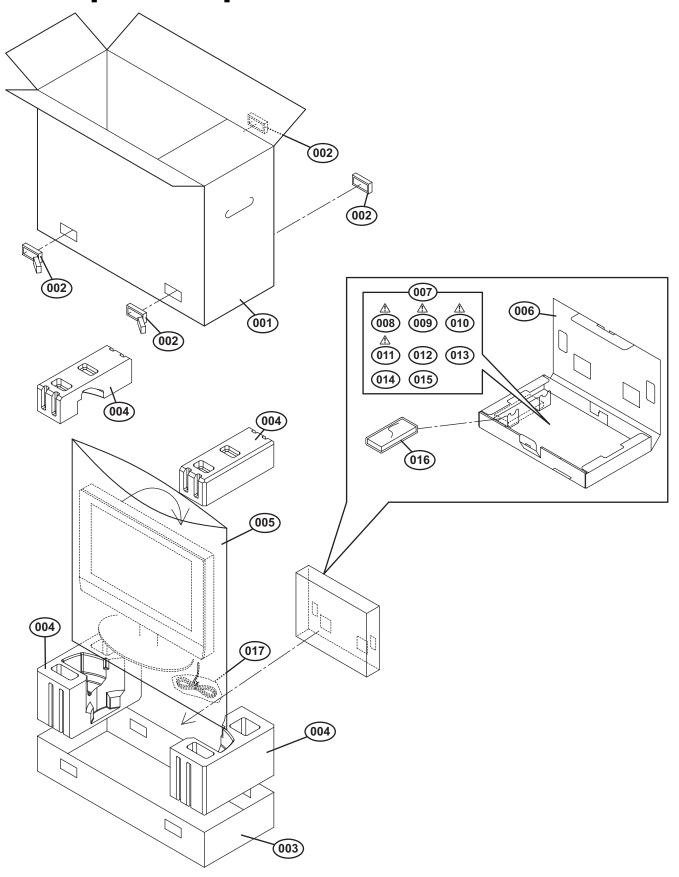
PACKING [LT-26X776/KA, LT-32X776/KA]



PACKING PARTS LIST [LT-26X776/KA, LT-32X776/KA]

⚠ Ref.No.	Part No.	Part Name	Description	Local
001 001 002 002 003 003 004 005 005 006 007 ★ 008 ★ 009 ★ 010 ★ 011 012 013 014 015	LC10181-041A-A LC10181-042A-A LC21688-004A-A LC21927-001A-A LC12455-001A-A LC12456-001A-A QPA01002305 GG30097-003A-H GG30097-004A-H RM-C14G-1H QPA02503505P 	PACKING CASE PACKING CASE SEPARATOR SEPARATOR CUSION ASSY CUSION ASSY POLY BAG POLY BAG POLY BAG WARRANTY CARD INST BOOK INST BOOK REGIST. CARD BATTERY RF SPLITTER RF CABLE CAUTION SHEET	4pcs in 1set 4pcs in 1set 10cm x 23cm 25cm x 35cm BT-52006-2Q English French R6P/AA(x2) 30cm(x2)	LT-26X776/KA LT-32X776/KA LT-26X776/KA LT-32X776/KA LT-26X776/KA LT-32X776/KA LT-32X776/KA LT-32X776/KA LT-32X776/KA

PACKING [LT-37X776/KA]



PACKING PARTS LIST [LT-37X776/KA]

⚠	Ref.No.	Part No.	Part Name	Description	Local
	001 002	LC21928-001A-A LC32958-001A	TOP CARTON JOINT	(x4)	
	002	LC21929-001A-A	BOTTOM CARTON	(**)	
	004	LC12360-001A	CUSION ASSY	4pcs in 1st	
	005 006	GG30097-004A-H LC21927-001A-A	POLY BAG ACCESSORY BOX		
	000	QPA02503505P	POLY BAG	25cm x 35cm	
\triangle	800		WARRANTY CARD	BT-52006-2Q	
Ţ	009	LCT1881-001A-A	INST BOOK	English	
Λ	010 011	LCT1882-001A-A BT-51034-2Q	INST BOOK REGIST, CARD	French	
<u></u>	012		BATTERY	R6P/AA(x2)	
	013	QAU0382-002	RF SPLITTER	. ,	
	014 015	QAM0523-003 LCT1883-001A-A	RF CABLE CAUTION SHEET	30cm(x2)	
	016	RM-C14G-1H	REMOCON		
	017	QPA01002305	POLY BAG	10cm x 23cm	